Samsung GALAXY Tab 3

ANDROID TABLET

User Manual
Please read this manual before operating your device and keep it for future reference.

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Online Legal Information

The online version of the Health/Safety and Warranty guide for your device can be found at: www.samsung.com.

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Section 1: Getting Started

This section helps you to quickly start using your device.

Understanding This User Manual

The sections of this manual generally follow the features of your device. A robust index for features begins on page 150.

This manual gives navigation instructions according to the default display settings. If you select other settings, navigation steps may be different.

Unless otherwise specified, all instructions in this manual assume that you are starting with the tablet unlocked, at a Home screen. To get to a Home screen, you may need to unlock the device. For more information, refer to *"Securing Your Device"* on page 15.

Note: Instructions in this manual are based on default settings and may vary from your device depending on the software version on your device and any changes to the device's settings.

Note: All screen images in this manual are simulated. Actual displays may vary depending on the software version of your device and any changes to the device's settings.

Special Text

In this manual, some text is set apart from the rest. This special text is intended to point out important information, share quick methods for activating features, define terms, and more. The definitions for these methods are as follows:

- **Note**: Presents alternative options for the current feature, menu, or sub-menu.
- **Tip**: Provides quick or innovative methods or useful shortcuts.
- **Important!**: Points out important information about the current feature that could affect performance.
- **Caution!**: Provides information to avoid possible damage.
- **Warning!**: Brings important information to your attention that can help to prevent loss of data or functionality or damage to your device.

Text Conventions

This manual provides condensed information about how to use your device. To make this possible, the following text conventions are used to represent often-used steps:

➔ Arrows are used to represent the sequence of selecting successive options in longer, or repetitive, procedures.

For example:

From a Home screen, touch **Apps** ➔ **Settings** ➔ **Display** ➔ **Screen timeout**.

Certain features and options use an **ON/OFF** button.

For example:

Touch the **ON/OFF** button to turn Bluetooth ON or OFF .

Battery

Your device is powered by a rechargeable, standard Li-Ion battery. A Wall/USB Charger (Charging Head and USB cable) are included with the device for charging the battery.

Warning! Use only approved charging devices. Approved accessories are designed to maximize battery life. Using other accessories may invalidate your warranty and may cause damage.

Battery Indicator

The Battery icon in the Status Bar shows the battery power level. When battery power is 15% or less, your device prompts you to charge the battery. If you continue to operate the device without charging, the device powers off. For battery use information, see *"About Device"* on page 149.

Tip: Touch the Time field to display battery charge status.

Charging the Battery

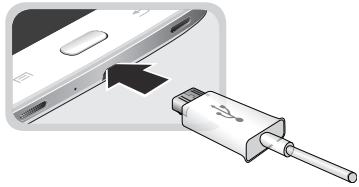
Your device comes with a Wall/USB Charger (Outlet Connector, Charging Head, and USB cable) to charge your device from any standard AC power outlet.

Note: The battery comes partially charged. You must fully charge the battery before using your device for the first time.

After the first charge, you can use the device while charging.

1. Insert the USB cable into the Charging Head.

2. Insert the USB cable into the device's Charger/ Accessory Port.



3. Plug the Charging Head into a standard AC power outlet.

Warning! While the device is charging, if the touch screen does not function due to an unstable power supply, unplug the USB power adapter from the power outlet or unplug the USB cable from the device.

4. When charging is complete, unplug the Charging Head from the power outlet and remove the USB cable from the device.

Note: You cannot charge the battery using the USB cable and your PC.

Note: If the battery is completely discharged, you cannot turn on the device, even with the USB power adapter connected. Allow a depleted battery to charge for a few minutes before you try to turn on the device.

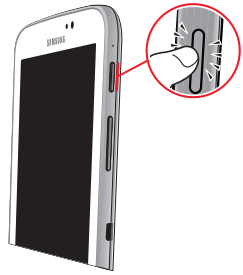
Turning Your Device On and Off

Turning Your Device On

- Press and hold the **Power/Lock Key**.

For more information, refer to *"Unlocking the Device"* on page 15.

Note: Your device's internal antenna is located along the top back of the device. Do not block the antenna; doing so may affect signal quality and may cause the device to operate at a higher power level than is necessary.



Turning Your Device Off

1. Press and hold the **Power/Lock Key**.
2. At the **Device options** prompt, touch **Power off**.
3. At the **Power off** prompt, touch **OK**.

Setting Up Your Device

When you first turn on your device, you are asked to set up a few things. To do that, the following screens display. Some screens can be skipped (touch **Next**) or redisplayed (touch **Back**). Some screens display depending on the options you choose.

Welcome!

1. Touch the **Select language** field, scroll through the list, and touch the language you want your device to use, such as, English (United States).
2. If required, touch **Accessibility** to change the accessibility settings. For more information, refer to *"Accessibility"* on page 147.
3. Touch **Next**.

Wi-Fi

Make sure the Wi-Fi **ON/OFF** button is set to ON and choose one of the following options:

- Touch **Add Wi-Fi network** to enter a Network SSID that is not listed.
- Touch **Scan** to make sure you have an accurate list of Wi-Fi networks.
- Touch one of the Wi-Fi networks in the list, enter the password, and touch **Connect**. Touch and connect to another Wi-Fi network or touch **Next** to continue.
- Touch **Next** to perform this task later. For more information, refer to *"Wi-Fi"* on page 114.

Date and Time

1. Touch **Set date** and set the date (month, day, year), if necessary.
2. Touch **Set time** and set the time (hour, minute, and AM or PM), if necessary.
3. Touch **Select time zone** and touch the correct time zone.
4. Touch **Next**.

End User License Agreement

1. Read the End user license agreement and touch the **I understand and agree to the terms and conditions above** check box.
2. If you do not agree to provide Samsung the error log data from any Software Update failure your device experiences, touch the **No thanks** button.
3. Touch **Next**.

Got Google?

Your new device uses your Google account to fully use its Android features, including Gmail, Maps, Google Hangouts, and Google Play.

The Got Google? screen allows you to sign in, if you already have a Google account.

Note: If you skipped Wi-Fi setup, the Wi-Fi setup screen displays and you must connect through a Wi-Fi network.

- Touch **Yes** and then enter the email address and password of your existing account.

  Touch ▶ to continue.

  – or –

- Touch **No** to proceed to the next screen.

Make it Google

This screen displays if you did not sign in to your Google account.

The Make it Google screen allows you to create a new Google account.

Note: If you skipped Wi-Fi setup, the Wi-Fi setup screen displays and you must connect through a Wi-Fi network.

- Touch **Get an account** or enter the email address and password of your existing account.
  – or –
- Touch **Not now** to perform this task later. For more information, refer to *"Setting Up Your Gmail Account"* on page 50.

Google Services

This screen displays if you signed in to your Google account.

1. Read the BACKUP & RESTORE, LOCATION, and COMMUNICATION information.
2. Enable any or all options, which is indicated by a check mark.
3. Touch ▶ to continue.

Entertainment

This screen displays if you signed in to your Google account.

- Touch **Set up a credit card**, enter credit card information for your Google Play account, and touch **Save**.
  – or –
  Touch **Not now**.
  The Restoring screen displays while your information is being restored.

Google and Your Location

1. Read the information on the screen and enable any or all of the Google location services.
2. Touch **Next**.

This Tablet Belongs To ...

This screen displays if you did not sign in to your Google account.

To personalize the tablet with your name:

1. Touch the First and Last fields and use the onscreen keyboard to enter you first and last name.
2. Touch ▶ to continue.

Samsung Account

Sign in to your Samsung account to use Samsung services.

1. Touch **Learn more** to learn more.
2. Touch **Create account** to create a Samsung account.

   – or –

   Touch **Sign in** if you already have a Samsung account. Touch **Restore** and **Auto back up**, if desired. Touch **Next**.

   – or –

   Touch **Skip** to perform this task later. For more information, refer to *"Signing In to your Samsung Account"* on page 145.

Free Dropbox Account

To get a free 50 GB Dropbox account for two years:

- Touch **Create account**, enter the required fields, and touch **Register for Dropbox**.

  – or –

  Touch **Sign in** to sign in to Dropbox.

  – or –

  Touch **Skip** to skip this offer.

Setup Complete

Congratulations! Your device is set up and ready to use.

- Touch **Finish**.

  The main Home screen displays.

Creating a New Google Account

In order to utilize your device to the fullest extent, you will need to create a Google Account when you first use your device. With a Google Account, Google applications will always be in sync between your tablet and computer.

If you need to create a Google account, follow these steps:

1. From a Home screen, touch **Apps** ➔ **Gmail**.
   The **Add a Google Account** screen displays.
2. Touch **New** to create a new Google account.
   For more information, refer to *"Setting Up Your Gmail Account"* on page 50.

Retrieving Your Google Account Password

A Google account password is required for Google applications. If you misplace or forget your Google Account password, follow these instructions to retrieve it:

1. From your computer, use an Internet browser to navigate to http://google.com/accounts.
2. Once the URL loads, click on the **Can't access your account?** link and follow the onscreen instructions.

Task Manager

Your device can run applications simultaneously and some applications run in the background.

Use Task Manager to see which applications are running on your device and to end running applications to extend battery life. You can also uninstall applications from your device and see how much memory is used by applications.

Task Manager Application

The Task Manager application provides information about applications, including **Active applications**, **Downloaded**, **RAM manager**, **Storage**, and **Help**.

To access the Task Manager:

1. Press and hold **Home** and touch **Task manager**.
2. Touch **Active applications** to view applications running on your device. Touch **End** to end an application or **End all** to end all running applications.
3. Touch **Downloaded** to view applications installed from Google Play. Touch **Uninstall** to remove an application from your device.
4. Touch **RAM manager** to display the amount of Random Access Memory (RAM) currently in use. Touch **Clear memory** to clear inactive and background processes.
5. Touch **Storage** to view internal (Device memory) and external (SD card) storage memory statistics.

For more information, refer to *"Apps Screen"* on page 32.

Memory Card

Your device supports removable microSD or microSDHC memory cards with maximum capacities of 64 GB (depending on the memory card manufacturer and type). Memory cards are used to store music, photos, videos, and other files.

Installing a Memory Card

1. Open the Memory Card Slot cover and turn to expose the slot.
2. With the gold contacts facing down, carefully slide the memory card into the slot, pushing gently until it clicks into place.

3. Replace the Memory Card Slot cover.

Removing a Memory Card

Important! To prevent damage to information stored on the memory card, unmount the card before removing it from the device.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Storage**.
2. Under **SD card**, touch **Unmount SD card** and then touch **OK**.
3. Open the Memory Card Slot cover and turn to expose the slot.
4. Gently press down on the memory card, so that it pops out from the slot, and carefully pull the card out.
5. Replace the Memory Card Slot cover.

For more information, refer to *"Memory Card"* on page 111.

Securing Your Device

By default, the device locks automatically when the screen times out or you can lock it manually. You can unlock the device using one of the default Unlock screens or, for increased security, use a personal screen unlock pattern.

For more information about creating and enabling a Screen unlock pattern, see *"Screen Lock"* on page 132.

For other settings related to securing your device, see *"Location"* on page 131.

Note: Unless stated otherwise, instructions in this User Manual start with the device unlocked, at the Home screen.

Locking the Device Manually

- Press the **Power/Lock Key**.

Unlocking the Device

1. Press the **Power/Lock Key**.

   The Lock screen displays.

2. Swipe across the screen as shown.

The last screen you accessed displays.

Tip: Touch one of the app shortcut icons and then swipe to launch that application.

Note: You can customize the Lock screen and set the type of Screen Unlock you want to use (Face unlock, Pattern, PIN, or Password). For more information, refer to *"Screen Lock"* on page 132.

Troubleshooting

If your device has fatal errors, hangs up, or freezes, you may need to reset the device to regain functionality.

- If your device is frozen and unresponsive, press and hold the **Power/Lock Key** for 8 to 10 seconds.

Galaxy Tab Accessories

To find accessories for your Galaxy Tab:

1. Go to http://www.samsung.com/us/mobile/galaxy-tab-accessories.

   Galaxy Tab accessories display.

2. Use your model number to find compatible accessories.

Section 2: Understanding Your Device

This section outlines key features of your device and describes the screen and the icons that appear when the device is in use. It also shows how to navigate through the device.

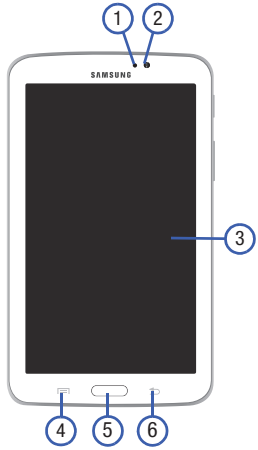
Features

- 7.0-inch WXGA (1024x600) TFT (PLS) LCD touch screen
- Android Version: KitKat 4.4.2
- 1.2 GHz dual-core processor
- Full HTML Web Browser
- Bluetooth 3.0 Wireless technology. For more information, refer to *"Bluetooth"* on page 117.
- Built-in Wi-Fi technology (802.11 a/b/g/n)
- 3 megapixel camera and camcorder, plus 1.3 megapixel forward-facing camera for video chat
- Full integration of Google applications (Gmail, YouTube, Google Maps, and Voice Search)
- Photo gallery that supports GIF, AGIF, JPEG, PNG, BMP, WBMP, and WEBP formats
- Messaging Features:
  - Gmail
  - Email (corporate and personal)
  - Google Hangouts (Instant Messaging and Video Chat)
- HD Video Player (1080p)
  - Codec: MPEG4, H.264, H.263, VC-1, DivX, VP8, WMV7/8, Sorenson Spark, MP43
  - Format: AVI, MP4, 3GP, MKV, WMV, ASF, FLV
- DivX Certified® to play DivX® video up to HD 720p, including premium content
- Music player that supports MP3, AAC/AAC+/EAAC+, WMA, Vorbis, FLAC, AC-3, AMR-NB/WB, WAV
- Support for microSD and microSDHC memory cards
- Preloaded applications such as Google Play Books, Google Play Store, Music Hub, Polaris Office 5, and more. For more information, refer to *"Applications"* on page 78.

Front View

The following items can be found on the front of your device.

1. **Light Sensor**: Used to control screen brightness automatically when taking photos with the front-facing Camera.
2. **Front-facing Camera Lens**: Used when taking photos or recording videos.
3. **Display Screen**: The orientation of the display screen rotates with the tablet as you turn it. You can turn this feature on and off. For more information, refer to *"Display"* on page 124.
4. **Menu**: Display a list of options.
5. **Home**: Display the central Home screen. Touch and hold to display recent apps that have been accessed.
6. **Back**: Return to the previous screen or option.



Back, Top, Sides, and Bottom View

The following items can be found on the back, top, sides, and bottom of your device.

1. **3.5mm Headset Jack**: Plug in for headphones.
2. **Camera Lens**: Used when taking photos or recording videos.
3. **Power/Lock Key**: Press and hold to turn the device on or off. Press to lock the device or to wake the screen for unlocking.
4. **Volume Key**: From a Home screen, press to adjust Master Volume. During music playback, press to adjust volume.
5. **Infrared Blaster**: Emits infrared signals used for controlling external devices. For more information, refer to *"Smart Remote"* on page 101.
6. **Memory Card Slot**: Install a memory card for storage of files.
7. **External Speakers**: Used for music or video playback, notification tones, and for other sounds.
8. **Charger/Accessory Port**: Plug in a USB cable for charging or to sync music and files.
9. **Microphone**: Used for video chat.

Home Screen

The Home screen is the starting point for using your device. Place shortcuts, widgets, and other items on the Home screen to customize your device to your needs.

Note: Unless stated otherwise, instructions in this user manual start with the device unlocked, at the Home screen.

1. **Notifications**: Notification icons display on the Status Bar at the top of the screen to report new messages, calendar events, device status, and more. Drag down from the Status Bar to open the Notification Panel.
2. **Status Bar**: The Status Bar displays notifications on the left side and status indicators on the right side. For more information, refer to *"Status Bar"* on page 26.
3. **Status indicators**: Display your current network status, signal strength, battery charge, and time.
4. **Widgets**: Applications that run on the Home screen. Some widgets are found on the Home screen by default. For more information, refer to *"Widgets"* on page 28.

5. **Google Search**: Search the web by typing or speaking. For more information, refer to *"Google"* on page 86.

6. **App Shortcuts**: Shortcuts to common applications. For more information, refer to *"App Shortcuts"* on page 29.
7. **Current screen**: Indicates which Home screen is being displayed.
8. **Primary Shortcuts**: Shortcuts to common features. These shortcuts are found on all Home screens by default. For more information, refer to *"Primary Shortcuts"* on page 28.
9. **Apps**: Display the Apps screen.

Extended Home Screen

The Home screen consists of the Home panel plus additional panels that extend beyond the display width to provide more space for adding shortcuts and widgets. For more information, refer to *"Adding and Removing Home Screen Panels"* on page 22.

Slide your finger horizontally across the screen to scroll to the left or right side panels. As you scroll, the Current Screen indicator shows your current position.

Note: The center panel displays when you touch **Home**.

Customizing the Home Screens

To customize the Home screens to suit your preferences:

1. Navigate to one of the Home screen panels.
2. Touch and hold on the screen until the **Home screen** pop-up displays.
3. Touch **Set wallpaper** to change the Home screen wallpaper. For more information, refer to *"Wallpapers"* on page 31.
4. Under **Add to Home screen** touch:
   - **Apps and widgets** to add app or widget shortcuts on the Home screen.
   - **Folder** to add a folder on a Home screen. For more information, refer to *"Folders"* on page 30.
   - **Page** to add a Home screen.

Display Settings

You can customize display screen settings to your preferences. For more information, refer to *"Display"* on page 124.

Adding and Removing Home Screen Panels

Your device comes with seven Home screen panels. You can customize the Home screen by removing or adding panels.

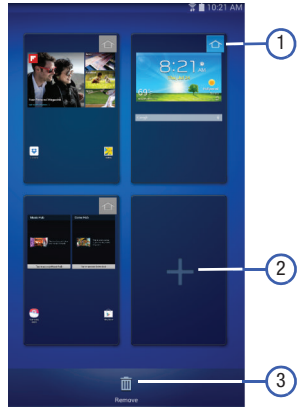
Note: The panel in the center position displays when you touch **Home**.

- From a Home screen, pinch the screen from the left and right side to the center to display the editing screen.

Tip: Touch and hold on the screen until the **Home screen** pop-up displays. Under **Add to Home screen**, touch **Page** to add a Home screen.

Use these controls to configure panels:

1. **Default Home Page**: Touch the Home icon on a panel to set it as the default home screen.
2. **Add**: Touch to add a new panel, up to a total of seven. This option is available when less than seven panels have been added.
3. **Remove**: Touch and drag a panel to the Trash Can to remove the panel from the Home screen.



To rearrange the order of panels:

- Touch and drag a panel to a new location.

To return to the Home screen:

- Touch **Back**.

Navigating Your Device

Use command buttons and the touch screen to navigate.

Command Buttons

Back

Touch **Back** to return to the previous screen, option, or step.

Home

Touch **Home** to display the center Home screen.

Touch and hold to open a list of thumbnail images of apps you have worked with recently. Touch an App to open it.

Touch to display the Task Manager.

To launch Google Search, touch .

Touch to clear all thumbnail images.

Context-Sensitive Menus

Context-sensitive menus offer options for features or screens. To access context-sensitive menus:

- Touch **Menu** to display a list of options.
- Touch an option in the list.

Screen Capture

- Touch and hold the **Power/Lock Key** and **Home** to capture and save an image of the current screen.

Note: A copy of the screenshot is automatically saved to the clipboard.

To view the screen shots:

1. From a Home screen, touch **Apps** ➔ **My Files**.
2. Touch **storage** ➔ **emulated** ➔ **0** ➔ **Pictures** ➔ **Screenshots**.
3. Touch a screen capture file to display it.

Application Bar

The Application Bar is the area along the top of various application screens. It usually contains the Search and Menu icons, as well as other icons that are used to display options and settings.

Screen Navigation

Touch

Touch items to select or launch them. For example:

- Touch the onscreen keyboard to enter characters or text.
- Touch a menu item to select it.
- Touch an application's icon to launch the application.

Touch and Hold

Activate onscreen items. For example:

- Touch and hold a widget on the Home screen to move it.
- Touch and hold on a field to display a pop-up menu of options.

Swipe, Flick, or Slide

Swipe, flick, or slide your finger vertically or horizontally across the screen. For example:

- Unlocking the screen.
- Scrolling the Home screens or a menu.

Pinch

Use two fingers, such as your index finger and thumb, to make an inward pinch motion on the screen, as if you are picking something up, or an outward motion by sweeping your fingers out.

For example:

- Pinch a photo in Gallery to zoom in.
- Pinch a webpage to zoom in or out.

Notifications

Notification icons appear on the Status Bar at the top of the screen to report new messages, calendar events, device status, and more. For details about these notifications, open the Notification Panel.

Notification Panel

To view the Notification Panel:

1. Swipe downward from the top of the screen.
2. Scroll down the list to see additional notification details.
3. Touch an item to open it.
4. To clear a single notification, drag the notification left or right.

   – or –

   Touch **Clear** to clear all notifications.

To close the Notification Panel:

- Swipe upward from the bottom of the screen or touch **Back**.

Accessing Additional Panel Functions

In addition to notifications, the Notification Panel also provides quick access to separate device functions. These can be quickly activated or deactivated by toggling them on or off. You can choose the functions that display.

From the Notification Panel:

1. To go to Settings, touch **Settings**. For more information, refer to *"Settings"* on page 113.
2. Touch to display additional options.

   The following functions can either be activated (green) or deactivated (gray): Wi-Fi, Location, Sound/Mute, Screen rotation, Bluetooth, Multi window, Sync, Power saving, Blocking mode, Airplane mode, and Hands-free mode.
3. Touch then locate the **Set quick setting buttons** area located at the bottom of the **Notification panel**.
   - In a single motion, touch and hold a desired function, then drag it to the top two rows.
   - Touch **Brightness adjustment** to create a check mark if you want to be able to adjust the screen brightness and volume from the Notification Panel.

- Touch **Reset** to restore the edited menu to the default setting.

4. Touch **Back** and then touch to display only your primary functions.
5. To set the display brightness, touch the **Brightness** slider and drag it to set the brightness or touch **Auto** to allow the device to set brightness automatically based on available light and battery charge status. For more information, refer to *"Display"* on page 124.

The **Notifications** area of the Notification Panel displays system notifications.

- Touch a notification entry to display the details.
- Touch **Clear** to remove Notification Icons from the Status Bar.

  For more information, refer to *"Notification Panel"* on page 25.

To close the Notification Panel:

- Touch **Back** or swipe up.

Status Bar

The Status Bar at the top of the home screen provides device information (such as network status, signal strength, battery charge, and time) on the right side and notification alerts on the left.

To display the Status Bar:

- From a Home screen, swipe downward from the top of the screen. The grey Status Bar will appear. It will disappear after a few seconds.

Indicator Icons

Some common status and notification icons are shown below.

Connectivity Icons

Wi-Fi connected

Bluetooth enabled

Connected to computer

Wi-Fi Direct is active and your tablet is connected to another device.

The Nearby devices setting is enabled.

Device Status Icons

Battery full

Battery charging

Battery low

The device is connected to a computer using a USB cable, but it is not charging. The battery is only charged while connected to a computer, if the device is turned off. When the device is off, press the Power/Lock key to see the battery charging indicator.

GPS is active.

Mute mode enabled

Error occurred or caution required

Messaging Icons

New email

New Gmail

Other Icons

Alarm activated

Airplane mode activated

Blocking mode activated

Music is playing.

A song is playing in the Music app. Touch the Status Details to see the song title and music player controls. For more information, refer to *"Play Music App"* on page 56.

When the keyboard is being displayed, touch this icon to display a menu of quick keyboard settings.

A screenshot has been captured. For more information, refer to *"Screen Capture"* on page 23.

This is a notification for one or more events. For more information, refer to *"S Planner"* on page 96.

Primary Shortcuts

Primary Shortcuts display at the bottom of the Home screens.

Tip: The main Home screen is usually the center Home screen.

The default Primary Shortcuts are: Contacts, Email, S Planner, Internet, and Apps.

Other App Shortcuts

There are also other application shortcuts on the Home screens, such as Dropbox, Gallery, Samsung Apps, and Play Store.

Application shortcuts can be added to any Home screen. For more information, refer to *"App Shortcuts"* on page 29.

Widgets

When you first turn on your tablet, there are various widgets on the center Home screen. They can also appear on the Home screens to the left and right of the center Home screen.

Widgets are self-contained applications that you can place on the Home screens to access your favorite features.

For more information, refer to *"Applications"* on page 78.

Adding Widgets to a Home Screen

1. Navigate to the Home screen on which you want to place the Widget and touch **Apps**.
2. Touch the **Widgets** tab.

Note: Swipe across the screen horizontally to view all Widgets.

3. Touch and hold the widget's icon until the Home screen displays, then slide your finger where you want to place the icon and release it.

Note: There must be room on the screen where you want to place the widget, otherwise the widget will not add to the Home screen.

Removing Widgets

- Touch and hold the Widget until **Remove** displays, then drag the widget to **Remove**.

Note: This action does not actually delete the Widget, it just removes it from the current Home screen.

App Shortcuts

Use App Shortcuts for quick access to applications or features, such as Email or other applications.

1. Navigate to the Home screen on which you want to place the App Shortcut.
2. Touch **Apps**.

   – or –

   Touch and hold on the screen until the **Home screen** options pop-up displays and then touch **Apps and widgets**.
3. Touch the **Apps** tab.
4. Touch and hold the application icon until the Home screen displays, then slide your finger where you want to place the icon and release it.

   For more information, refer to *"Apps Screen"* on page 32.
5. Touch and hold the App Shortcut and then drag the application icon to reposition it on the Home screen.

Removing App Shortcuts

- Touch and hold the App Shortcut until **Remove** displays, then drag the App Shortcut to **Remove**.

Folders

Place Folders on a Home screen to organize items together.

Adding Folders

To create a folder on a Home page:

1. Navigate to the desired Home screen.
2. Touch and hold on the screen until the **Home screen** pop-up displays and then touch **Folder**.

   The Create folder pop-up displays.
3. Touch the **Unnamed folder** field, use the keyboard to enter a name for the folder, and touch **OK**.

   A new folder displays on the Home screen.

Managing Folders

To rename a folder:

- Touch the folder, touch the current name, and use the keyboard to enter a new name for the folder.

To add an App shortcut to a folder:

1. Add the App shortcut to the Home screen that the folder is on.
2. Touch and hold the App shortcut, drag it to the folder, and drop it.

To remove an App shortcut from a folder:

1. Touch the folder to view the contents.
2. Touch the App shortcut, drag it out of the folder, and drop it on the Home screen.

Removing a Folder

- Touch and hold the folder until **Remove** displays, then drag the folder to **Remove**.

Note: Any App shortcuts in the folder are also removed.

Wallpapers

You can choose a picture to display on the Home Screen, Lock screen, or on both the Home and Lock screens. Choose from preloaded wallpaper images or select a photo you have downloaded or taken with the Camera.

1. From a Home screen, touch and hold on the screen.

   The **Home screen** options pop-up displays.

2. Touch **Set wallpaper**.

   The Set wallpaper pop-up displays.

3. Touch **Home screen**, **Lock screen**, or **Home and lock screens**.

   The **Select wallpaper from** pop-up displays the following options:

   - **Gallery**: Access the Gallery to select a photo. Touch a photo to select it. Crop and resize the picture, if desired. Touch **Done** to save the picture as wallpaper. Touch **Cancel** to cancel.
   - **Live wallpapers**: Choose from pre-loaded interactive animated wallpapers. Touch a wallpaper to see an example. If available, touch **Settings** to view options for the selection. Touch **Set wallpaper** to save your choice. Touch **Back** to return to the Live wallpapers menu.
   - **Photos**: (Home screen only) Choose from photos that you have taken. Touch a photo to select it. Touch **SET WALLPAPER** to save the picture as wallpaper. Touch **Back** to return to the Home screen.
   - **Wallpapers**: Choose from pre-loaded wallpaper images. Touch an image to view it. Touch **Set wallpaper** to save it as wallpaper. Touch **Back** to return to the Home screen.

Note: Live wallpapers is not available for the Lock screen.

Apps Screen

The **Apps** screen displays all applications installed on your wireless device. Applications that you download and install from Google Play or from the web are also added to a Home screen.

The Apps icons can be arranged in various ways. To change the arrangement of the Apps icons:

1. From a Home screen, touch **Apps**.
2. Touch **Menu** ➔ **View type**.
3. Touch **Customizable grid** or **Alphabetical grid**.

To manually change the order of the icons on the Apps screen:

1. From a Home screen, touch **Apps**.
2. Touch **Menu** ➔ **Edit**.
3. Touch and hold an icon and drag it to a new position.
4. Touch **Save** to save the changes.

You can place shortcuts to applications on the Home screen for quick access to the application. For more information, refer to *"App Shortcuts"* on page 29.

To view your downloaded applications:

1. From a Home screen, touch **Apps** ➔ **Downloaded applications** to view downloaded apps.
2. Touch an icon on the **Downloaded applications** screen to launch the application.

   – or –

   Add an App Shortcut to a Home screen by dragging the App icon onto the Home Screen. For more information, refer to *"App Shortcuts"* on page 29.

Application Information

To view information about an App, such as the amount of storage it uses, force the App to stop, uninstall updates, and clear data:

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Application manager**.
2. Touch the **All** tab, scroll through the apps list, and touch the app to open a screen with details about the App.

For more information, refer to *"Applications"* on page 78.

In that section, each application that is available on the Applications screen is listed and described. If the application is also described in another section of this user manual, then a cross reference to that particular section is provided.

Multi Window

This feature can be used to run multiple applications on the current screen at the same time.

Note: Only applications found within the Multi window panel can be active atop another current application on the screen.
When launching applications that contain multimedia files (music or video), audio from both files will be played simultaneously.

Activating and Deactivating Multi Window

To activate Multi window:

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Display**.
2. Touch the check box next to **Multi window** to enable it.
3. Touch **Home** to return to the Home screen.
4. Touch and hold **Back** to open the application panel showing all the available Multi window apps.

Tip: Multi window can also be activated or deactivated by touching the top of the screen, dragging downward to display the Notification Panel, and then touching **Multi window**.

To deactivate Multi window:

- Touch and hold **Back**. This action hides the Multi window tab from view.

Note: Once you have set the Multi window option On, you only need to touch and hold **Back** to re-activate the Multi window feature.

Using Multi Window

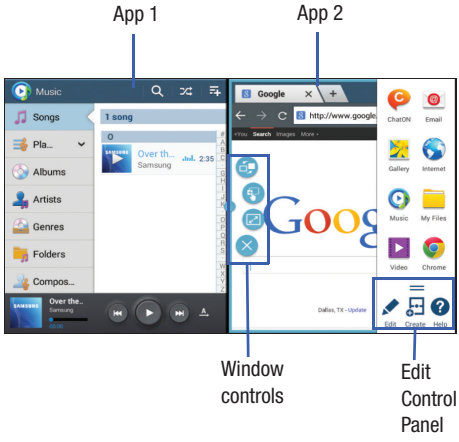
You can use Multi Window to run multiple apps on the same screen.

Any of the apps found within the Multi window panel can be run at the same time as a current onscreen app.

Once multiple apps are running on the same screen, you can then choose to either swap their positions or maximize a desired app.

In the following example, we will be launching both the Music and Chrome applications, but any two apps listed in the Multi window apps panel will work the same way.

1. From a Home screen, touch **Apps** ➔ **Music**.
2. Activate the Multi window feature.
3. Touch and hold **Back** to display the apps panel.
4. Touch and hold the **Internet** icon until it detaches from the panel and, in a single motion, drag it over the current **Music** screen and drop it over either the left or right area of the screen.



Note: Once the two applications are running, the device displays a split screen view containing both the initial Multi window app and the second Multi window app. Each application is still independent of the other.

Window Controls

Select an application window and touch in the middle of the windows. Window controls display:

- Switch locations between Multi Window applications.
- Share items between the application windows. Drag an item to share from one window to another. Some applications may not support this feature.
- Maximize the application.
- Close the application.

Creating a Paired Window

Use this feature to save the combination of current running Multi Window applications.

1. Touch and hold **Back** to display the apps panel.
2. Touch to access the panel controls.
3. Touch **Create**.
4. Enter a title and then touch **OK**.

Panel Configuration

You can rearrange the apps on the Multi window panel, add new apps or remove apps.

1. Touch and hold **Back** to display the apps panel.
2. Touch to access the panel controls.
3. Touch **Edit**.
4. Configure apps:
   - To remove an app from the panel, drag it off of the panel and place it in the storage area.
   - To add an app to the panel, drag it from the storage area to the panel.
   - To relocate an app, drag it to a new location.

Entering Text

This section describes how to select the desired text input method when entering characters into your tablet. This section also describes the predictive text entry system that reduces the amount of key strokes associated with entering text.

Your tablet comes equipped with an orientation detector that can tell if the tablet is being held in an upright (Portrait) or sideways (Landscape) orientation. This is useful when entering text.

Text Input Methods

Your device offers the following text input methods.

- Samsung keyboard
- Google voice typing

You can set a default text entry method in Settings. For more information, refer to *"Keyboards and Input Methods"* on page 138.

To choose a text input method while entering text:

1. Touch the top of the screen and swipe downward.

   The Notification Panel displays.

   Touch **Choose input method**.

   The Choose input method pop-up displays.

2. Touch an input method to activate it.

For more information, refer to *"Keyboards and Input Methods"* on page 138.

Using the Samsung Keyboard

The Samsung keyboard is a custom virtual QWERTY keyboard, featuring optional predictive text or continuous input. Input characters by touching the onscreen keys with your finger or use speech recognition.

You can enable predictive text, to have the Samsung keyboard match your key touches to common words and displays them. The Personalization option learns from GMail, Facebook, and Twitter. Log into these applications to enable the Samsung keyboard to learn from your text input.

Keyboard Types

In addition to the default QWERTY keyboard, there is also a ***Floating*** keyboard.

To change the keyboard type:

1. Access the QWERTY keyboard.
2. Touch and hold **Options** on the keyboard, touch , and then select **Floating** from the pop-up menu.
3. Touch the tab at the top of the Floating keyboard to move it.

Configuring the Samsung Keyboard

You can configure the Samsung keyboard to your preferences. While entering text:

- Touch and hold **Options** on the keyboard and then touch **Settings**.

  The Samsung keyboard settings screen displays.

For more information, refer to *"Configuring the Samsung Keyboard"* on page 139.

Entering Upper and Lower Case Letters

The default case is lower case (abc). Enter upper and lower case alphabet letters by touching the Shift key to toggle the case, before touching the letter key(s).

- Touch once to switch from abc to Abc mode.
- Touch twice to switch to ABC mode. When ABC mode is enabled, the Shift key background turns blue.

Entering Symbols and Numbers

The number keys are displayed at the top of the keyboard and are always available.

To enter common symbols, touch SYM to switch to symbol mode, then touch the corresponding key.

There are two pages of symbols. Touch 1/2 to switch to the next page.

Touch and hold a vowel key (A, E, I, O, U, or Y) or the C, N, or S key to open a small window where you can chose an accented vowel or other alternate letter. Slide to the letter until it is highlighted, and release.

Touch and hold the Period key (.) to open a small window with a set of common symbols.

Using Predictive Text

By using Predictive text, you can have next-letter prediction and regional error correction, which compensates for touching the wrong keys on the QWERTY keyboard.

Note: Enable Predictive text in Samsung keyboard settings. For more information, refer to *"Configuring the Samsung Keyboard"* on page 139.

While entering characters, potential word matches display in the Predictive text area above the keyboard.

- Touch a word to insert it into your text.

Tip: Touch to display more words.

Editing Text

You can edit the text you enter in text fields by cutting, copying, or pasting text. These operations can be performed within and across apps. However, some apps do not support editing some or all of the text displayed while others may offer their own way to select text.

Editing Existing Text

To edit text that you have entered:

1. Touch the text at the point you want to edit.
   The **Cursor** displays at the point you touched.
2. Touch and drag the **Cursor** to a better position, if necessary.
3. Enter additional text or delete text by repeatedly touching the **Delete** key.

Copying, Deleting, or Replacing Text

To select and copy, delete, or replace text:

1. Touch and hold the text or word you want to select.
   The selected text is highlighted with a tab at each end of the selection.
2. Touch and drag either tab to select more or less text.

Tip: Touch **Select all** in the pop-up to select all text in the field. Touch on another area of the screen or touch **Done** to deselect the text.

Tip: Swipe the pop-up to the left or right to see all options.

3. Depending on the action you want to take for the selected text, in the pop-up touch:
   - **Select all** to highlight all text in the field.
   - **Cut** to remove the selected text.
   - **Copy** to save the selected text to the clipboard.
   - **Paste** to paste previously copied text.
   - **Clipboard** to display the text saved to the clipboard.

   – or –

   Enter text by typing or speaking to replace the selection with what you type.

   – or –

   Touch the **Delete** key to delete the selected text.

Pasting Text

To paste previously copied text:

1. Touch the text at the point you want to paste the copied text.

   The **Cursor** displays at the point you touched.

2. Touch the Cursor.

   A pop-up displays.

3. Touch **Paste** in the pop-up.

To paste text directly from the clipboard:

1. Touch the **Clipboard** key to display the text saved to the clipboard.
2. Touch a text block to paste that text where the **Cursor** is positioned.

Closing the Keyboard

To close the keyboard:

- Touch **Back** to close the keyboard.

Using Google Voice Typing

You can use your voice to enter text using the Google voice typing feature.

While entering text:

1. Touch **Options** on the keyboard and then touch in the pop-up menu.

   For more information, refer to *"Keyboards and Input Methods"* on page 138.

2. At the **Tap to speak** prompt, touch and speak clearly and distinctly into the microphone.

   The software converts your voice to text, which is displayed in the message.

3. Keep speaking to add more text.
4. Touch to display the Samsung keyboard.

Section 3: Contacts and Accounts

This section explains how to manage contacts and accounts.

Accounts

Your device can synchronize with a variety of accounts. With synchronization, information on your device is updated with any information that changes in your accounts.

- **Samsung account**: Add your Samsung account. For more information, refer to *"Signing In to your Samsung Account"* on page 145.
- **Google**: Add your Google account to sync your Contacts, Calendar, and Gmail. For more information, refer to *"Gmail"* on page 50.
- **Microsoft Exchange ActiveSync**: Add your Exchange account to sync Contacts, Calendar, and Email.

Setting Up Your Accounts

Set up and manage your synchronized accounts with the **Accounts** setting.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Add account**.
2. Touch the account type.
3. Follow the prompts to enter your account credentials to complete the set-up process.

   Your tablet communicates with the appropriate account servers to set up your account. When complete, your account displays in the **Accounts** area of the Settings screen.

Contacts

Store contact information for your friends, family, and colleagues to quickly access information or to send a message.

To access Contacts:

- From a Home screen, touch **Apps** ➔ **Contacts**.

Creating Contacts

1. Touch **Contacts** ➔ **Create**.
   The Save contact pop-up displays.
2. Touch **Device** or an account.
   – or –
   Touch Add new account to add a different account. For more information, refer to *"Setting Up Your Accounts"* on page 41.
3. Touch the Contact photo to set up a photo to identify the contact.
4. Touch contact fields to display the keyboard and enter information:
   - Some fields have preset values. Touch the field and touch the desired value. For example, touch the Label tab and touch a label for the field.
   - Other fields have to be input. Touch the field and use the onscreen keyboard to input information.
   - Touching the check box next to some fields may make additional fields available.
   - Touch to add additional fields.Touch to remove an unused field. Also, touch **Add another field** to add other fields.
   - Touch the screen and swipe up or down to display additional fields or touch **Next** on the keyboard to move to the next field.
5. Touch **Back** to remove the keyboard.
6. When you finish entering information, touch **Save**.
   – or –
   Touch **Cancel** ➔ **OK** to cancel and discard changes.

Tip: Display a contact's record and touch the **Email** field to send an email, the **Address** field to display the address on a map, or the **Website** field to link to the website.

Updating Contacts

To update an existing contact:

1. Touch **Contacts**.
2. Touch a contact in the Contacts list to view its information.
3. Touch **Edit**.
4. Continue entering contact information.

Deleting Contacts

To delete a contact:

1. Touch **Contacts**.
2. Touch a contact in the **Contacts** list to view its information.
3. Touch **Delete**.
4. At the prompt, touch **OK**.

Managing Photo IDs

To remove or update a contact's Photo ID:

1. Touch **Contacts**.
2. Touch a contact in the **Contacts** list to view its information.
3. Touch **Edit**.
4. Touch the Contact photo, then touch **Remove**, **Image**, **Pictures by people**, or **Take picture**.

Contacts Display Options

There are various ways to display your Contacts and general Contacts settings.

1. Touch **Contacts**.
2. Touch **Groups**, **Favorites**, or **Contacts**, above the Contacts List, to view contacts various ways:
   - **Groups**: Displays the possible Groups, such as Not assigned, Co-workers, Family, Friends, and so on. The number of contacts in the group is displayed next to the group name. Touch a group name to show only contacts in that group. For more information, refer to *"Creating a New Group"* on page 46.
   - **Favorites**: Show only your favorite, or starred, contacts. For more information, refer to *"Favorites"* on page 48.
   - **Contacts**: Show all your contacts. Touch the **Search** field and enter a keyword to list contacts that contain that keyword.
3. From the **Groups**, **Favorites**, or **Contacts** list, touch **Menu** to display the options for each grouping.
4. From the **Contacts** list, touch **Menu** ➔ **Settings** to display and manage Contacts settings.

Linked Contacts

Your device can synchronize with multiple accounts, including Google, Corporate Exchange, and other email providers. When you synchronize contacts from these accounts with your device, you may have multiple contacts for one person.

Linking imported contact records allows you to see all the contact's numbers and addresses together in one contact entry. Linking also helps you keep your contacts updated, because any changes that your contacts make to their information in the respective accounts is automatically updated the next time you synchronize with the account.

Linking Contacts

1. Touch **Contacts**.
2. Touch a contact in the **Contacts** list to view its information.
3. Touch **Menu** ➔ **Link contact.**
4. Touch the contact you want to Link.

   The linked contact's information is displayed with the original contact's information.
5. Repeat Steps 3 and 4 to link other contacts.

Separating Contacts

1. Touch **Contacts**.
2. Touch a contact in the **Contacts** list to view its information.
3. Touch **Menu** ➔ **Separate contact.**

   A list of Linked contacts displays.
4. Touch ➔ **OK** to separate a linked contact.

   The contact is removed from the list.

Sharing Contact Information

You can send a contact's information by way of Bluetooth to other Bluetooth devices or in an Email or Gmail as an attachment.

Note: Not all Bluetooth devices accept contacts and not all devices support transfers of multiple contacts. Check the target device's documentation.

1. Touch **Contacts**.
2. Touch **Menu** ➔ **Share namecard via**.

Tip: Set up a contact record for yourself to share your information with others.

3. At the prompt, choose a sending method such as Bluetooth.
4. Follow the prompts to send the contact information.

Importing and Exporting Contacts

To back up and restore your contacts information, you can export your contacts list to a storage device, such as a PC, or import your contacts list (previously exported) from a storage device.

1. Use the USB cable to connect your device to the storage device.
2. Touch **Contacts**.
3. Touch **Menu** ➔ **Import/Export**.
   The Import/Export contacts pop-up displays.
4. Touch an option and then follow the prompts to complete the operation.

Groups

Assign contacts to Groups to make searching for contacts faster or to quickly send messages to group members.

Creating a New Group

Create a new group when you add or edit a contact.

1. Touch **Contacts**.
2. Touch **Groups** above the Contacts List.
3. Touch **Menu** ➔ **Create**.
4. Touch the **Group name** field and use the keyboard to enter a new Group name.
5. Touch **Save** to save the new group name.

Tip: Contacts can belong to more than one group. Just touch the contact's **Groups** field and touch each group.

Once you create a new group, the Contacts List can be set to display only the contacts in that group. For more information, refer to *"Contacts Display Options"* on page 43.

Renaming a Group

To rename a group that you created:

1. Touch **Contacts**.
2. Touch **Groups** and then touch the group you want to rename.
3. Touch **Menu** ➔ **Edit group**.
4. Touch the **Group name** field and use the keyboard to enter a new Group name.
5. Touch **Save** to save the new group name.

Deleting Groups

To delete a group that you created:

1. Touch **Contacts**.
2. Touch **Groups** and then touch any group you want to delete.
3. Touch **Delete groups**.
   The groups that can be deleted display.
4. Touch **Select all** or the name of each group to delete.
5. Touch **Delete** to delete the groups. Choose from **Group only** or **Group and group members**.

Adding Group Members

To add a contact to a group, just Edit a contact's Group field. For more information, refer to *"Updating Contacts"* on page 42.

To add multiple contacts to a group:

1. Touch **Contacts**.
2. Touch **Groups** and then touch the group to which you want to add members.
3. Touch **Add member**.

   The contacts that can be added display.
4. Touch **Select all** or the name of each contact to add.
5. Touch **Done** to add the contacts to the group.

Removing Group Members

To remove contacts from a group:

1. Touch **Contacts**.
2. Touch **Groups** and then touch the group from which you want to remove members.
3. Touch **Menu** ➔ **Remove from group**.
4. Touch **Select all** or the name of each contact to remove.
5. Touch **Done** to remove the contacts.

   Contacts are removed from the group and the group name is removed from each contact's **Group** field.

Favorites

Mark contact records with a gold star to identify them as favorites.

Adding Favorites

To add a contact to the Favorites list:

1. Touch **Contacts**.
2. Touch a contact to display it.
3. Touch the **Star** next to the contact name so that it turns gold .

Tip: You do not have to edit the contact to change the Starred status.

Accessing Favorites

You can view your favorites two ways for fast viewing or messaging.

To view your favorites list:

1. Touch **Contacts**.
2. Touch **Favorites** above the Contacts List.

   Only your starred contacts display.

Note: Touch **Groups** above the Contacts List and then touch **Starred in Android** to list the Favorites that are being saved on your Google account.

Removing Favorites

To remove one or more contacts from your favorites list:

1. Touch **Contacts**.
2. Touch **Favorites** above the Contacts List.
3. Touch **Menu** ➔ **Remove from Favorites**.
4. Touch **Select all** or the name of each contact to remove.
5. Touch **Done** to remove the contacts.

To remove one contact from your favorites list:

1. Touch **Contacts**.
2. Touch a contact to display it.
3. Touch the **Star** next to the contact's name so that it is no longer gold .

Section 4: Messaging

This section describes how to send and receive messages and other features associated with messaging.

Types of Messages

Your device supports these types of messages:

- Gmail and Email Messages
- Google+
- ChatON
- Hangouts

Note: Your Wi-Fi-only device does NOT support voice calling and messaging services. Please disregard any "dial" and "message" related menus because some Gmail options are identically set in all Android devices.

Gmail

Send and receive email with Gmail, Google's web-based email.

To access Gmail:

- From a Home screen, touch **Apps** ➔ **Gmail**.

Setting Up Your Gmail Account

If you did not set up a Google account during the initial configuration, the first time you launch Gmail, your device prompts you to set up your Google account.

1. Touch **Gmail**.

   The Add a Google Account screen displays.

2. Follow the prompts to sign in or create a new account. The device communicates with the Google server to set up your account and synchronize your email. When complete, your Gmail displays in the Inbox.

Note: You can use more than one Google account on your device. To add another account, touch **Home** ➔ **Menu** ➔ **Settings** ➔ **Add account**.

Refreshing Your Gmail Account

Refresh your account to update your device from the Gmail servers.

1. Touch **Gmail**.
2. Touch **Menu** ➔ **Refresh**.

Gmail Settings

Use the Gmail settings to configure your Gmail preferences.

1. Touch **Gmail**.
2. Touch **Menu** ➔ **Settings** for settings.

Tip: Touch **Menu** ➔ **Help** for more information.

Composing and Sending Gmail

1. Touch **Gmail**.
2. Touch **Compose**, then touch fields to compose the message. While composing a message, touch **Menu** for options.
3. Touch **SEND** to send this message

   – or –

   Touch **Menu** ➔ **Save draft** to save a draft of this message.

Email

Use Email to view and manage all your email accounts in one application.

To access Email:

- From a Home screen, touch **Apps** ➔ **Email**.

Configuring Email Accounts

You can configure Email for most accounts in just a few steps.

1. Touch **Email**.
2. The first time you set up an email account, at the Set up account screen, enter an **Email address** and **Password**, then touch **Next**.

   – or –

   For additional accounts, touch **Menu** ➔ **Settings** ➔ **Add account**.
3. Follow the onscreen instructions to set up your email account.

4. Touch **Next** to go to the next screen or touch **Previous** to go to the Apps screen.

Note: For Exchange ActiveSync accounts, the Activate device administrator? screen may appear. Read the information and touch **Activate** to continue.

5. Enter an account name and Your name, if required.
6. Touch **Done**.

   The device communicates with the appropriate server to set up your account and synchronize your email. When complete, your email appears in the Inbox for the account.

Note: To configure email account settings at any time, use **Menu** ➔ **Settings**. Touch the account to display Account settings.

Managing Your Email Accounts

You can view email you receive for all accounts in the **Combined view** screen or you can view email accounts individually.

1. Touch **Email**.
2. Touch the drop-down menu at the top left of the screen to select:
   - **Combined view**: View all email in a combined inbox.
   - <**Account Name**>: View email for the account.

Refreshing Your Email Account

Refresh your account to update your device from the Email servers.

1. Touch **Email**.
2. In the Application Bar, touch **Refresh**.

Deleting Email Accounts

To delete an Email account:

1. Touch **Email**.
2. Touch **Menu** ➔ **Settings** ➔ **Delete account**.

Email Settings

Use the Email Settings to configure your Email preferences.

Note: Available settings depend on the email provider.

1. Touch **Email**.
2. Touch **Menu** ➔ **Settings**, then touch **General settings**. The following options display:
   - **Display**
     - **Auto fit content**: Shrink your email content to fit the screen.
     - **Message preview line**: Set the number of lines that are shown in the email preview.
     - **Title line in list**: Set the title line to the Email Subject or the Sender.
   - **Composing and sending**
     - **Default image size**: Set the default size for image attachments.
     - **Delay email sending**: Delay the sending of your emails so that they can be cancelled if needed. Also, set a length of delay (3, 5, 10, 20, or 30 seconds).
   - **Auto-advance**: Set the screen to show after deleting a message. Choices are: Next email, Previous email, or Email list.
   - **Confirm deletions**: Check the box to ask for confirmation before deleting email.
   - **Priority senders**
     - **Set as the default folder**: Display the priority sender inbox whenever you open the Email app.
     - **Email notifications**: Activate the email notification icon to appear within the Notifications area of the status bar when a new email (Gmail, and so on) is received.
     - **Notification sound**: Choose a ringtone for email notifications.
   - **Spam addresses**: Touch **Add** to add an Email address to your Spam folder.
3. Touch an account to configure specific settings. Available options depend on the account.

Composing and Sending Email

1. Touch **Email**.
2. If you have multiple accounts set up, choose an account from the menu at the top of the screen.
3. Touch **Compose**, then touch fields to enter recipients and the email text.
4. While composing a message:
   - Touch **Menu** to display options: Schedule sending, Priority, and Security options.
   - Touch **Attach** to add a file to the message.

   Available options depend on the type of email account.
5. Touch the body of the email to enter the text of your email. Touch the text option buttons to edit and format your message text.
6. Touch **Send** to send the message.

   – or –

   Touch **Save** to save the email to the Drafts folder.

   – or –

   Touch **Cancel** to discard the email.

Google+

Google+ makes messaging and sharing with your friends a lot easier. You can set up Circles of friends, visit the Stream to get updates from your Circles, use Messenger for fast messaging with everyone in your Circles, or use Instant Upload to automatically upload videos and photos to your own private album on Google+.

1. Sign in to your Google account. For more information, refer to *"Setting Up Your Gmail Account"* on page 50.
2. From a Home screen, touch **Apps** ➔ **Google+**.
3. Follow the onscreen instructions to use Google+.
4. Touch **Menu** ➔ **Settings** to configure your Google+ preferences.
5. Touch **Menu** ➔ **Help** to display additional help information.

ChatON

A smart-messaging app that gives you a host of innovative ways to stay connected with all your friends and family, regardless of their device or platform. Use ChatON to send and receive instant messages from any device that has a mobile phone number.

1. From a Home screen, touch **Apps** ➔ **ChatON**.
   If you are launching this application for the first time, follow the onscreen instructions to complete the account setup.
2. Enter and send your message.

Hangouts

Hangouts is a free, web-based application for instant messaging offered by Google. You can connect with your friends across computers and various Android devices. You can have conversations or video calls with up to 10 friends.

1. Sign in to your Google account, if you have not already done so. For more information, refer to *"Setting Up Your Gmail Account"* on page 50.
2. From a Home screen, touch **Apps** ➔ **Hangouts**.
3. Follow the onscreen instructions to use Google+.
4. Touch **Menu** ➔ **Help** for more information on using Hangouts.

Section 5: Music

This section explains how to use the music features of your device including the Music app, the Music Player, and the Music Hub.

Listening to Music

You can listen to music by using your device's built-in speakers, through a wired headset, or through a wireless Bluetooth stereo headset.

For more information, refer to *"Bluetooth"* on page 107.

Press the **Volume Key** on the side of the device to activate onscreen volume control, then touch and drag on the scale to set volume. You can also press the Volume Key to adjust playback volume.

Play Music App

The Play Music app contains a music player that plays music and other audio files that you copy from your computer or store online.

Note: Some Play Music options may not be available until you sign in to your Google account.

Accessing Google Play Music

- From a Home screen, touch **Apps** ➔ **Play Music**.

  The Play Music app searches your online library and your device's internal storage for music and playlists. This can take from a few seconds to several minutes, depending on the amount of new music added since you last opened the application.

  For more information, visit music.google.com.

Play Music Menu

While viewing a Play Music main screen:

- Touch **Menu** for options.

To configure Play Music settings:

- Touch **Menu** ➔ **Settings**.

  Follow the onscreen instructions.

For more information touch **Menu** ➔ **Help**.

Shopping for Music at the Play Store

To visit the Google Play Store where you can find and buy music:

1. From the main Home screen, touch **Play Store**.
2. Sign in to your Google account, if you have not already signed in.
3. Touch **MUSIC**.

   The Google Play Store music section displays.
4. Touch **Menu** ➔ **Help** to view information about finding and buying music.

Music

The Music app plays songs stored on your tablet or an installed memory card.

1. From a Home screen, touch **Apps** ➔ **Music**.

   The Music application searches your device's internal storage or on an installed memory card for music and playlists. This can take from a few seconds to several minutes, depending on the amount of new music added since you last opened the application. It then displays your music in several ways.
2. Touch a tab, such as **Songs**, **Playlists**, **Albums**, and so on, to change the way you view the contents of your library.

Searching for Music

To find music in your library:

1. Touch **Music**.
2. Touch **Search** and use the keyboard to type the name of an artist, album, or song.

Music Options and Settings

To use Music options and configure settings:

1. Touch **Music**.
2. Touch **Menu** to display the following options:
   - **Delete**: Delete a song, an album, or every song or album.
   - **Scan for nearby devices**: Discover and connect directly to nearby devices.
   - **Alarm tone**: Choose a song to use as an alarm tone.
   - **Settings**: The following settings display:

     Advanced

     – **SoundAlive**: View and set SoundAlive options.

     – **Adapt Sound**: When enabled, this feature to fine tunes the sound output. For more information, refer to *"Sound"* on page 123.

     – **Play speed**: Decrease or increase play speed.

     – **Smart volume**: Automatically adjusts each track's volume to an equal level.

     – **Lyrics**: Display the lyrics of the song, if available.

     – **Music auto off**: Set the option Off or set your music to turn off automatically by touching one of the time values.

     Music menu

     – **Music menu**: Enable or disable the music display options that appear on the main music screen. A check mark next to an option means that it is enabled.

   - **End**: Close the Music Player app.

Managing Playlists

To create, manage, or delete a playlist:

- Touch **Music**.

Creating a Playlist

- Touch **Create playlist** and use the keyboard to enter a name for the playlist.

Renaming a Playlist

1. Touch the **Playlists** tab.
2. Touch a playlist, touch Menu ➔ **Edit title** and use the keyboard to enter a new name for the playlist.

Adding Songs to or Removing Songs from Playlists

1. Touch **Playlists**, touch a playlist, and then touch **Add music**.

   All songs are displayed.
2. Touch next to each song you want to add or next to **Select all** to add all songs to the playlist.

   – or –

   Touch to remove a song from the playlist.
3. Touch **Done** to save the playlist.

Changing the Order of a Playlist

1. Touch the **Playlists** tab and touch a playlist.
2. Touch **Change order**.
3. Touch the grid for an entry and drag the entry to a new position in the list.
4. Touch **Done** to change the order and save the playlist.

Playing a Playlist

1. Touch the **Playlists** tab.
2. Touch **Favorite**, **Most played**, **Recently played**, **Recently added**, or touch a playlist title that you created.
3. Touch a song to start playing the playlist at that song.

Deleting a Playlist

1. Touch the **Playlists** tab and touch a playlist.
2. Touch and hold the playlist you want to delete.
3. Touch **Delete**, and then touch **OK**.

Playing Music

To play a song:

1. Touch **Music**.
2. Touch a song or touch an album or genre and then touch a song in the list of songs on the album.

   The song you touch starts to play. The tracks in the current list play in order until you reach the end of the list (unless you choose a repeat option). Otherwise, playback stops only if you stop it, even when you switch applications.

Accessing the Music Player

If you navigate away from the Music Player application and music is playing, the Music notification icon is displayed in the System Bar.

You can change songs or easily return to the Music Player:

1. Touch the top of the screen and swipe downward.
   The Notification Panel displays.
2. Touch the song thumbnail to display the Music Player. You can also pause and resume playback and skip to the next or previous song in the panel.
   For more information, refer to *"Notifications"* on page 25.

Music Player Controls

When a song is playing, the Music screen displays and various controls are available.

1. Touch **Music**.
2. Touch a song or playlist to begin playback.
   The music player displays below the music listing.
3. Touch the song thumbnail to enlarge the music player.

The following Music controls are available:

Streams the current music file to another device via Samsung Link.

Volume control and SoundAlive.

Volume control showing volume muted.

Touch the Volume control and then touch to view and set SoundAlive options.

Shuffles the current list of songs randomly.

Songs play in order and are not shuffled.

Assign the current song as a Favorite.

Plays the entire song list once.

Replays the current list when the list ends.

Repeats the currently playing song.

Displays the current song in the player window.

Touch and hold to rewind the song. Touch to go to previous song.

Pause the song.

Start the song after pausing.

Touch and hold to fast-forward the song. Touch to go to next song.

Lists the current playlist songs.

Options While Playing a Song

There are various options and controls available while a song is playing:

1. Touch **Music**.
2. Touch a song or an album, and then a song.
3. Touch the music player to enlarge it.
4. Touch **Menu** to display the following options:
   - **Add to playlist**: Add the song to a new playlist or an existing playlist.
   - **Via Bluetooth**: Play the current song by using a Bluetooth device.
   - **Play via Group Play**: Use Group Play to share your music. For more information, refer to *"Group Play"* on page 87.
   - **Scan for nearby devices**: Discover and connect directly to nearby devices.
   - **Set as alarm tone**: Use the current song as an alarm tone.
   - **Settings**: Displays Music Player settings. For more information, refer to *"Music Options and Settings"* on page 58.
   - **End**: This option returns you to the home screen.

Section 6: Photos and Video

This section explains how to use your device's built-in camera and camcorder, the Video Player app to view and manage videos, and the Gallery app to view, capture, and manage photos and videos. It also contains an overview of the Video Player and Gallery apps.

Camera

Use your device's built-in camera and camcorder to take photos and record videos.

To access the Camera:

1. From a Home screen, touch **Apps** ➔ **Camera**.

   If a memory card is inserted, the Storage location pop-up displays.

2. Touch **OK** to change the storage location to memory card.

   – or –

   Touch **Cancel** to use the device storage for storing pictures and videos.

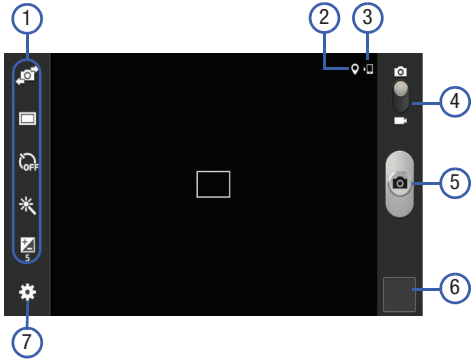
Note: If memory card storage is used, photos are stored in the /storage/emulated/0/DCIM/Camera folder as jpg files. For more information, refer to *"My Files"* on page 92.

The Camera screen displays.

Camera Screen

The following items can be found on the Camera screen as illustrated:

1. Settings Shortcuts
2. GPS Active
3. Storage Indicator
4. Mode
5. Camera Button
6. Image Viewer
7. Settings



Taking Photos

To take a photo:

1. Touch **Camera**.
2. Using the display as a viewfinder, compose your photo by aiming the lens at the subject.

   To configure settings, see *"Camera Settings"* on page 64.
3. To take the photo, touch the **Camera** button.
4. Touch **Back** to leave the Camera and display the previous screen.

Important! Do not take photos of people without their permission.

Do not take photos in places where cameras are not allowed.

Do not take photos in places where you may interfere with another person's privacy.

Camera Settings

Before you start taking photos, use the camera settings to configure the camera for best results. Camera settings are represented by icons on the left side of the screen.

Editing Camera Settings Shortcuts

The first five icons are actually shortcuts to camera settings. These five shortcuts can be customized to fit your preference.

Self-portrait, **Shooting mode**, **Timer** **Effects**, and **Exposure value** are default settings shortcuts.

To customize these shortcuts:

1. Touch **Settings** → **Edit shortcuts**.

   – or –

   Touch and hold any of the shortcut icons to edit them.

2. Touch and hold a setting, then drag and drop it on one of the five settings shortcuts to the left. The replaced setting shortcut displays in the edit list.

Configuring Camera Settings

To configure Camera settings:

- While in Camera mode, touch a settings shortcut or touch **Settings** to configure the following camera settings:
  - **Edit shortcuts**: Customize your settings shortcuts.
  - **Location tag**: Touch to switch the GPS tag on or off.
  - **Self-portrait**: Touch to switch to the front-facing camera lens and take a photo of yourself.

Warning! If the battery is low, the flash is not available. For more information, refer to *"Charging the Battery"* on page 6.

- **Shooting mode**: Choose an automatic shooting mode, from:
  - **Single shot**: Take a single photo.
  - **Panorama**: Touch the Camera button to take a photo, then use the onscreen guideline to move the viewfinder and take the next 7 shots automatically.
  - **Share shot**: Share photos with other users via Wi-Fi Direct. A Wi-Fi Direct connection is required.
  - **Buddy photo share**: Take and share photos with friends via face detection.
  - **Smile shot**: Touch the Camera button to automatically focus on the subject's face and take the photo.
- **Effects**: Apply an effect to photos.
- **Scene mode**: Choose a mode to match the kind of pictures you want to take.
- **Brightness**: Use the slider to set the brightness value.
- **Timer**: Set a delay time to wait between touching the Camera button and taking a photo.
- **Resolution**: Choose a size for the photo.
- **White balance**: Set the light source.
- **Metering**: Select a method for measuring light.
- **Guidelines**: Enable or disable an onscreen grid to aid in photo composition.
- **Contextual filename**: Add your location as part of the filename. You must first activate Location tag described above.
- **Image quality**: Choose a quality setting for photos.
- **Storage**: Set whether to store your photos on your device or on your memory card, if one is installed.
- **Reset**: Set all Camera settings to the defaults.

Camcorder

In addition to taking photos, the camera also doubles as a camcorder that allows you to record, view, and send videos.

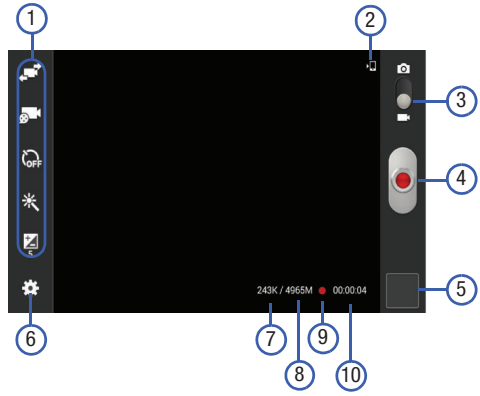
To access the camcorder:

1. Touch **Camera**.
2. Slide the **Mode** button to the **Camcorder** setting.

   The Camcorder screen displays.

Camcorder Screen

The following items can be found on the Camcorder screen as illustrated:



1. Settings Shortcuts
2. Storage Indicator
3. Mode
4. Record Button
5. Image Viewer
6. Settings
7. File size
8. Available Storage
9. Recording Indicator
10. Elapsed Time

Recording Videos

1. Touch **Camera**.
2. Slide the **Mode** button to the **Camcorder** setting.
3. Using the display as a viewfinder, compose your shot by aiming the lens at the subject.
4. To start recording, touch **Record**.
   During recording, the **Recording Indicator** flashes.
5. To pause recording, touch **Pause.**
6. To stop recording, touch **Stop**.
7. Touch **Back** to leave the Camcorder and display the previous screen.

Important! Do not take videos of people without their permission.
Do not take videos in places where cameras are not allowed.
Do not take videos in places where you may interfere with another person's privacy.

Camcorder Settings

Before you start taking videos, use the camcorder settings to configure the camcorder for best results. Camcorder settings are represented by icons on the left side of the screen.

Editing Camcorder Settings Shortcuts

As with the camera, the first five icons are actually shortcuts to camcorder settings. These five shortcuts can be customized to fit your preference.

Self-recording, **Recording mode**, **Timer** **Effects**, and **Exposure value** are default settings shortcuts.

To customize these shortcuts, see *"Editing Camera Settings Shortcuts"* on page 64.

Configuring Camcorder Settings

To configure Camcorder settings:

- While in Camcorder mode, touch a settings shortcut or touch **Settings** to configure the following Camcorder settings:
  - **Edit shortcuts**: Customize your settings shortcuts. For more information, refer to *"Editing Camera Settings Shortcuts"* on page 64.
  - **Self-recording**: Touch to switch to the front-facing camera lens and record a video of yourself.
  - **Recording mode**: Set a recording mode. Options are: Normal and Limit for email, which limits the size of the video to 50 megabytes.
  - **Effects**: Apply an effect to videos.
  - **Brightness**: Use the slider to set the brightness value.
  - **Timer**: Set a delay to wait between touching Record and starting recording.
  - **Resolution**: Set a size for the video.
  - **White balance**: Set the light source.
  - **Guidelines**: Enable or disable an onscreen grid to aid in video composition.
  - **Contextual filename**: Add your location as part of the filename. You must first activate Location tag described above.
  - **Video quality**: Choose a quality setting for videos.
  - **Storage**: Set whether to store your videos on your device or on your memory card.
  - **Reset**: Set all Camera settings to the defaults.

Using the Image Viewer

After taking a photo or recording a video, use the Image Viewer to view or play, share, or delete your photos and videos.

1. Touch **Image Viewer** to view photos and videos.
2. Touch the screen to show or hide Image Viewer options.
3. For photos, pinch and spread the screen with two fingers or double-tap on the screen to zoom all the way in or out. For more information, refer to *"Pinch"* on page 24.
4. Sweep across the screen to display the next or previous photo or video. The current photo or video is outlined in the thumbnails at the ‘ of the screen. Touch a thumbnail to view the photo or video it represents.

5. Touch **Change player** to select a DLNA-enabled device (photos only).
6. To share photos or videos, touch **Share via**. Touch an option, such as Email, and follow the onscreen instructions. After using this option, the most recent Share option is displayed in the Application Bar.
7. To edit the photo being displayed, touch **Edit** and then touch an app to launch and use to edit the photo.

   – or –

   To trim the video being displayed, touch **Trim** and then use the sliders at the bottom of the screen to trim the video.
8. To delete the photo or video being displayed, touch **Delete** and then touch **OK** to delete or **Cancel** to exit.
9. For photos, touch **Menu** to select **Set as** to assign the photo as a Contact photo or a Home screen, Lock screen, or Home and lock screens wallpaper.

   For more information, refer to *"Viewing Photos and Videos"* on page 74.

Note: Photos and videos are stored on the device in the /storage/emulated/0/DCIM/Camera folder as jpg and mp4 files. For more information, refer to *"My Files"* on page 92.

10. To play a video:
    - Touch **Play**.
    - Touch **Photos** or **Video Player**.
    - Touch **Pause** to pause the video and touch **Resume** to resume playing the video.
11. Touch **Volume** and then touch **SoundAlive** to set the sound quality.
12. Touch and drag the dot on the end of the progress bar to fast forward or rewind the video. Touch the left end of the progress bar to restart the video. Touch the right end of the progress bar to end the video playback.

    – or –

    Touch **Rewind** to restart the video or **Fast Forward** to end the video.

13. While the video is playing, touch the Display Mode button on the right end of the control bar to change the Display Mode:

Full-screen in ratio view: The video is enlarged as much as possible without becoming distorted.

Full-screen view: The entire screen is used, which may cause some minor distortion.

Original size view: The video will be played in its original size.

Stretch to fit: The video is enlarged to fit the screen without becoming distorted.

14. Touch **Pop up play** to play a video as a small pop-up while viewing another screen. Touch and drag the pop-up video to the desired location on the screen. Double-tap the pop-up to return to full screen mode.
15. Touch **Back** to return to the Camcorder.

Video

Use Video Player to view and manage videos stored on your tablet.

1. From a Home screen, touch **Apps** ➔ **Video**.
2. Touch **Thumbnails**, **List**, or **Folders**.
3. Touch **Search** and use the keyboard to enter a search term. The current folder is searched and results are displayed. Touch to clear the search field.
4. While viewing the list, touch **Menu** for options:
   - **Scan for nearby devices**: Discover and connect directly to nearby devices.
   - **Share via**: Share the video. Touch an option, such as Bluetooth, and follow the onscreen instructions.
   - **Delete**: Touch videos to select them for deletion or touch **Select all** to delete all videos.
   - **Auto play next**: Touch to enable or disable automatic playing of videos in the order they appear.

5. Touch a video to play it. While playing a video, touch the screen to display or hide onscreen playback controls.
6. Touch **Change player** to select a DLNA-enabled device.
7. Touch **Pop up play** to play a video as a small pop-up while viewing another screen. Touch and drag the pop-up video to the desired location on the screen. Double tap the pop-up to return to full screen mode.
8. Touch **Volume** and then touch **SoundAlive** to set the sound quality.
9. While the video is playing, touch the Display Mode button on the right end of the control bar to change the Display Mode:

Full-screen in ratio view: The video is enlarged as much as possible without becoming distorted.

Full-screen view: The entire screen is used, which may cause some minor distortion.

Original size view: The video will be played in its original size.

Stretch to fit: The video is enlarged to fit the screen without becoming distorted.

10. During playback, touch **Menu** for options:
    - **Trim**: Trim the video being displayed. Use the sliders at the bottom of the screen to trim the video.
    - **Share via**: Share the video. Touch an option, such as Bluetooth, and follow the onscreen instructions.
    - **Delete**: Delete the video being displayed.
    - **Listen via Bluetooth**: Turn Bluetooth on to use Bluetooth services.
    - **Subtitles (CC)**: Select subtitles for the video when available.
    - **Settings**: Touch this option to view the following:
        - **Brightness**: Use the slider to set the brightness or touch **Automatic brightness**.
        - **Capture**: Turn On or Off the Capture mode.
        - **Play speed**: Check the box to display Play speed on the screen, which defaults to 1.0x. Touch the Play speed and then touch and drag the slider to decrease or increase play speed.
        - **Tag buddy:** Assign a name to a person in a photo. Touch the **OFF/ON** button to turn it ON .
        - **Edit weather tag**: This option displays when Weather is enabled in Tab buddy. Choose No tabs or one of the weather descriptions to display on your videos.
        - **Subtitles (CC)**: View subtitles for the video, if available. Touch the **OFF/ON** button to turn it ON .
    - **Details**: Provides details about the video, such as Name, Size, Resolution, and so on. For more information, refer to *"Playing Videos"* on page 76.

Gallery

Use Gallery to view, capture, and manage photos and videos.

Note: Photos and videos are stored in the /storage/emulated/0/DCIM/Camera folder, photos as jpg files and videos as mp4 files. For more information, refer to *"My Files"* on page 92.

To access Gallery:

- From a Home screen, touch **Apps** ➔ **Gallery**.

Selecting Photos and Videos to View

1. Touch **Gallery**.
   All albums display.
2. Touch and choose how you want to display your photos and videos: **Albums**, **All**, **Time**, **Locations**, **People**, **Favorites**, or **Spiral**.
3. Touch **Albums** and then touch **New album** to create a new album.
4. Touch **Camera** to launch the Camera app.
5. Touch **Menu** to display the following options:
   - **Select album / Select item:** Touch one or more albums or items that you want to share, share, or delete.
   - **Slideshow**: View a slideshow of the available pictures and videos.
   - **Content to display**: Indicate the sources of content to display.
   - **Scan for nearby devices**: Discover and connect directly to nearby devices.
   - **Show nearby devices / Hide nearby devices**: Display or hide any nearby devices.
   - **Settings**
     - **Accounts**: Touch **Add account** to add your Google or Facebook account. Touch an account to display and manage its sync settings.
     - **Tags**: Touch the **OFF/ON** button next to **Tag buddy** to turn it ON , which allows you to assign a name to a person in a photo. Touch **Face tag** to set whether to look for a face in pictures.

Viewing Groups of Photos and Videos

1. Touch **Gallery**.
2. Touch a category and then a group to view it.

   Thumbnails for each photo and video in the group display.
3. Touch **Menu** ➔ **Select item** and then touch one or more items that you want to **Share via**, **Delete**, or use for a slideshow.
4. Touch **Menu** ➔ **Slideshow** to view a slideshow of the available pictures and videos.

Viewing Photos and Videos

1. Touch **Gallery**.
2. Touch a category and then a group to view it, and then touch a photo or video thumbnail.
3. Touch the screen to show or hide Gallery options.
4. Touch the screen with two fingers or double tap on the screen to zoom all the way in or out. For more information, refer to *"Pinch"* on page 24.
5. Sweep across the screen to display the next or previous photo or video. Videos are indicated by the **Play** button. The current photo or video is outlined in the thumbnails at the bottom of the screen. Touch a thumbnail to view the photo or video it represents.
6. Touch **Change player** to select a DLNA-enabled device.
7. Touch **Share via** to share the photo or video. Touch an option, such as Bluetooth, and follow the onscreen instructions.
8. To trim the video being displayed, touch **Trim** and then use the sliders at the bottom of the screen to trim the video.

9. To delete the photo or video being displayed, touch **Delete**.
10. While viewing a photo, touch **Camera** to launch the Camera app.
11. Touch **Menu** to display the following options for photos:
    - **Edit**: Use Photo Editor or Paper Artist to edit your photo.
    - **Favorite**/**Unfavorite**: Assign or unassign this photo or video as a Favorite. Touch → **Favorites** to view your favorites.
    - **Slideshow**: Set up and start a slideshow of the available photos and videos.
    - **Photo frame**: Add a frame to the selected photo. Press **Save** when completed or **Cancel**.
    - **Photo note**: Add a note to a photo.
    - **Copy to clipboard**: Copy the current photo to the clipboard.
    - **Print**: Print the current photo to a Samsung printer.
    - **Rename**: Enter an new file name.
    - **Buddy photo share**: Detect the face in this picture and email that person.
    - **Rotate left**: Allows you to rotate the photo counterclockwise 90 degrees.
    - **Rotate right**: Allows you to rotate the photo clockwise 90 degrees.
    - **Crop**: Allows you to crop the image. Touch and drag the crop box or the sides or corners of the crop box to create the crop area, then touch **Done**. Touch **X** to stop without cropping the photo.
    - **Get directions**: This option is available if Location tag was set when the photo was taken. Touch to launch Google Maps and view the location.
    - **Set as**: Assign the photo as a Contact photo or a Home screen, Lock screen, or Home and lock screens wallpaper.
    - **Details**: Provides details about the video such as Title, Time, Duration, and so on.
    - **Settings**: Touch to access various Gallery settings.For more information, refer to *"Selecting Photos and Videos to View"* on page 73.

    For menu options while a video is playing and other video options, see *"Video"* on page 70.
12. Touch **Back** to return to the category screen.

Setting a Picture As

You can use the photos you take as a contact's photo or as wallpaper for the Home or Lock screen:

1. Touch **Gallery**.
2. Touch a category and then a group to view it, and then touch a photo to select it.
3. Touch **Menu** ➔ **Set as**.
4. Touch **Contact photo** and then touch a contact entry.

   – or –

   Touch **Home screen**, **Lock screen**, **Home and lock screens**, or **Wallpaper**.

   A crop photo screen displays.
5. Touch and drag the crop box or the sides or corners of the crop box to create the crop area, then touch **Done** to save the cropped photo as the contact's icon or wallpaper. Touch **Cancel** to stop without cropping the photo.

Tip: To remove a contact photo, see *"Updating Contacts"* on page 42.

Tip: To change wallpaper, see *"Wallpapers"* on page 31.

Playing Videos

1. Touch **Gallery**.
2. Touch a category and then a group to view it.
3. Touch a video thumbnail to play the video.

Note: Videos are marked with a **Play** button.

4. Touch **Photos** or **Video Player**.
5. Touch **Pause** to pause the video and touch **Resume** to resume playing the video.
6. To fast forward or rewind the video, touch and drag the dot on the end of the progress bar. To restart the video, touch the left end of the progress bar. To end the video playback, touch the right end of the progress bar.

   – or –

   Touch **Rewind** to restart the video or **Fast Forward** to end the video.

   For more information, refer to *"Video"* on page 70.

Sharing Photos and Videos

Share photos and videos with your friends.

1. Touch **Gallery**.
2. Touch a category and then a group to display thumbnails.
3. Touch **Menu** ➔ **Select item**.
4. Touch one or more photos and videos to highlight them for sharing.
5. Touch **Share via**.
6. Touch an option, such as Email, and follow the onscreen instructions.

Section 7: Applications

This section contains a description of each application that is available on the Apps screen, its function, and how to navigate through that particular application. If the application is described in another section of this user manual, then a cross reference to that description is provided.

Managing Applications

The Apps screen displays all applications installed on your tablet, including apps you download and install.

From Apps, you can change the way apps appear on the screen, uninstall apps you have downloaded, and share apps with friends. When you install new apps, new screens are added to hold them.

Tip: To open applications quickly, add the icons of frequently-used applications to one of the Home screens, if it is not there by default. For details, see *"App Shortcuts"* on page 29.

Updating Applications

Once you have registered your device (see *"Software Update"* on page 149) and signed into your Google account (see *"Setting Up Your Gmail Account"* on page 50), you may see the **Updates Available** notification in the Status Bar if there is a new version of one or more apps available or, when you open an application that is preloaded on your device, an **Update Available** message may be displayed.

To update the applications:

1. Touch the top of the screen and swipe downward.

   The Notification Panel displays.

2. Touch **Updates available**.

Updates to Downloaded Apps

You can check for new versions of applications by visiting the Google Play Store. Items that have a new version available will say **Update**.

You can also select apps that you would like to be updated automatically. To do this:

1. Touch **Play Store** and then touch → **My apps**.
2. Touch the **INSTALLED** tab to list the Play Store apps installed on your device.

   Update is displayed if there is an update available for the app.
3. Touch an app and then touch **Menu** → **Auto-update** to enable automatic updating.
4. Touch **OPEN** to open the app on your device.
5. Touch **UPDATE** to immediately update the app on your device.

Uninstalling Apps

You can uninstall apps you download and install. Pre-loaded apps cannot be uninstalled.

1. From a Home screen, touch **Apps**.
2. Touch **Menu** → **Uninstall**.
3. Apps that can be uninstalled show on their icon. Touch , and then follow the prompts to uninstall the app. Pre-loaded apps cannot be uninstalled.

Customizing the Apps Screens

Choosing a View

The Apps icons can be arranged in various ways. To change the arrangement of the Apps icons:

1. From a Home screen, touch **Apps**.
2. Touch **Menu** → **View type**.
3. Touch an option:
   - **Customizable grid**: The default view, which allows you to touch and hold on apps to move them from screen to screen.
   - **Alphabetical grid**: Icons are arranged in a grid, in A-Z order.

Apps Screen Options

1. From a Home screen, touch **Apps**.
2. Touch **Menu** for these options:
   - **Play Store**: Launch Google Play Store, to browse for new apps to download.
   - **Edit**: Touch and hold an app icon then drag it to the Create folder icon to create a new folder. Drag it to the Create page icon to create a new apps screen and place the icon on it. Or drag it to App info to view information about this app.
   - **Create folder**: Create a new folder to hold the app icon.
   - **Uninstall**: Remove an app that you downloaded to your tablet. Preloaded apps cannot be uninstalled. Touch to remove the selected app.
   - **View type**: Configure the apps screen.
   - **Share apps**: Select apps you have downloaded (not available for pre-loaded apps) to share via Bluetooth, Email, Gmail, Google+, S Note, or Wi-Fi Direct.
   - **Hide applications/Show hidden applications**: Control whether app icons are visible in Apps. Hiding an icon does not remove the app from your device.

Accessing Applications

To access applications:

1. From a Home screen, touch **Apps**.
2. Locate the application's icon and touch it to launch the application.

Note: This manual only addresses applications that have been loaded on your device as of the date of purchase. Information concerning third party applications that you may choose to download from the Google Play Store or otherwise should be obtained from the application provider directly and not from Samsung.

Alarm

Set alarms for reminders or for wake-up times.

Adding and Configuring Alarms

1. Touch **Alarm**.
2. To display the Create alarm screen, touch **Create**.

   – or –

   Touch an existing alarm to display the Edit alarm screen.
3. Touch fields on the screen to configure the alarm.
   - Some fields have preset values. Touch the field and touch the desired value.
   - Other fields have to be input. Touch the field and use the onscreen keyboard to input information.
   - Touching the check box next to some fields may make additional fields available.
4. Touch **Save** to save the alarm.

   The main Alarm screen displays showing the new or updated alarm.

Activating Alarms

1. Touch **Alarm**.
2. To activate or deactivate the alarm, touch **Turn alarm on**. A gray alarm means the alarm is deactivated.
3. Touch an alarm to change any of its settings and then touch **Save** to save the updates.

Editing and Deleting Alarms

1. Touch **Alarm**.
2. Touch and hold an alarm and then touch one of the following options:
   - **Edit**: Edit the alarm.
   - **Delete**: Delete the alarm.

   – or –

   Touch **Delete,** touch the existing alarms you want to delete or touch **Select all**, and then touch **Delete**.

Turning Off an Alarm

When the alarm sounds, to turn off the alarm:

- Touch and drag ⊗ to the right.

Setting the Snooze Feature

To activate the Snooze feature after an alarm sounds:

- Touch and slide ⊗ to the left. Snooze must first be set in the alarm settings.

Calculator

The Calculator provides the basic arithmetic functions to solve simple arithmetic problems and advanced operators to solve more complex problems.

1. Touch **Calculator**.
2. Enter the first number using the numeric keys.
3. Enter the operation for your calculation by touching the **+** (add), **-** (subtract), **×** (multiply), or **÷** (divide) key.
4. Enter the next number.
5. To view the result, touch the **=** (equals) key.
6. Repeat Steps 3 through 5 as many times as required.

To clear the result:

- Touch **C**.

For more advanced problems:

- Rotate your device to landscape mode and use the advanced operators **sin**, **ln**, **cos**, **log**, **tan**, and so on, just as you would on a pocket calculator.

To copy or cut the contents of the display:

- Touch and hold entries in the Calculator's display field. The and displays. Use the icons to select the content to Cut or Copy, and then select **Clipboard** to review the Clipboard.

Camera

Take photos and record video with your device's built in Camera.

For more information, refer to *"Camera"* on page 62.

- Touch **Camera**.

ChatON

Use ChatON to send and receive instant messages from any device that has a mobile phone number.

For more information, refer to *"ChatON"* on page 55.

- Touch **ChatON**.

Chrome

Use Chrome to browse the internet and bring your open tabs, bookmarks and omnibox data from your computer to your phone or tablet.

- Touch **Chrome**.

Follow the onscreen instructions.

Contacts

Store contact information for your friends, family and colleagues, to quickly access information or to send a message.

For more information, refer to *"Contacts"* on page 41.

- Touch **Contacts**.

Downloads

Files, apps, and other items you download in Internet, Gmail, Email, or in other ways, are stored on your tablet's internal storage. Use the Downloads app to view, reopen, or delete what you have downloaded.

1. Touch **Downloads**.
2. Touch an item to open it.
3. Touch headings for earlier downloads to view them.
4. Touch items you want to send, to check them, and then touch **Share**. Touch an option to share the item.
5. Touch items you want to delete, to check them, and then touch **Delete**.

   The items are deleted from your tablet.
6. Touch **Sort by size** or **Sort by date**, at the bottom of the Downloads pop-up, to switch back and forth. Touch **Clear list** to cancel the download and clear the download history.

Drive

Use the Google Drive app to open, view, rename, and share your Google Docs and files.

1. Touch **Drive**.
2. Sign in to your Google account. For more information, refer to *"Setting Up Your Gmail Account"* on page 50.

   A product tour displays the first time you access Drive.
3. Touch **Next** to view the product tour or touch **Go to Drive** to get started.

Tip: Touch **Menu** ➔ **Product Tour** to repeat the product tour at any time.

4. Follow the onscreen instructions to use Drive.
5. Touch **Menu** ➔ **Settings** to configure your Drive preferences.
6. Touch **Menu** ➔ **Help** to display additional help information.

Dropbox

Dropbox provides access to your personal computer files directly from your device. It allows you to take your files with you when you are on the go, edit files in your Dropbox from your device, upload photos and videos to Dropbox, and share your selected files freely with family and friends.

The in-device application works together with a partner program placed on a target computer using an active Internet connection.

Dropbox creates a folder that automatically synchronizes its contents across all of your connected devices on your account. Update a file to your dropbox on your computer, and it is automatically updated to the same folder on your other devices.

Download the Desktop Application

1. Use your computer's browser to navigate to: http://www.dropbox.com/.
2. Follow the onscreen instructions to install this application on your target computer containing the desired files.

Important! The computer application must be installed on the computer containing the desired files and that computer must have an active Internet connection.

Note: It might be necessary to configure your router's firewall settings to allow this application to gain access to the Internet.

Accessing Dropbox On Your Device

1. Touch **Dropbox**.
2. Follow the onscreen instructions.

Email

Send and receive email using popular email services. For more information, refer to *"Email"* on page 51.

- Touch **Email**.

Flipboard

This application creates a personalized digital magazine out of everything being shared with you. Access news stories, personal feeds and other related material. Flip through your Facebook newsfeed, tweets from your Twitter account, photos from friends and much more.

1. Touch **Flipboard**.
2. Touch **FLIP** and swipe across the screen to the left, select some onscreen categories, and touch **Build Your Flipboard** to create a new profile.

   – or –

   Touch **Tap to sign In** to log into your previously created profile.
3. Follow the onscreen instructions.

Gallery

Use Gallery to view, capture, and manage photos and videos.

For more information, refer to *"Gallery"* on page 73.

- Touch **Gallery**.

Game Hub

Access social and premium games. Join Game Hub to enjoy free games with your friends.

1. Touch **Game Hub**.

   A Disclaimer screen displays.

2. Read the Disclaimer and touch **Confirm**.
3. Touch **Menu** to display the following options:
   - **Uninstall**: Touch this option to uninstall a previously installed game.
   - **Legal notices**: Displays Game Hub legal information.
4. Touch a game and follow the onscreen instructions.

Gmail

Send and receive email with Gmail, Google's web-based email. For more information, refer to *"Gmail"* on page 50.

- Touch **Gmail**.

Google

Search the internet using the Google search engine.

Tip: The Google Search widget displays by default on the main Home screen. For information about displaying widgets on the Home screen, see *"Adding Widgets to a Home Screen"* on page 29.

1. From the main Home screen, touch Google.

   – or –

   From a Home screen, touch **Apps** ➔ **Google**.

2. Use the keyboard to enter search criteria to display matching searches.

   – or –

   Touch and speak the search criteria slowly and clearly. Google searches for the information and displays results.

   Suggestions display below the text entry area.

3. Touch a suggestion to search for that term.

   – or –

   Touch on the keyboard to start the search.

   A browser window displays the search results.

To use Voice Search directly:

1. From a Home screen, touch **Apps** ➔ **Voice Search**.
2. Speak the search criteria slowly and clearly. Google searches for the information and displays results or displays **Retry**. Touch the to retry speaking the search words.

Google Settings

Use this app to manage your Google settings.

- Touch **Google Settings**.

Google+

Share updates and see what is going on around you with Google+ for mobile.

For more information, refer to *"Google+"* on page 54.

- Touch **Google+**.

Group Play

Using Group Play, you can share documents or photos you are viewing, or music you are listening to, with other devices connected to the same Wi-Fi network with your device.

1. Touch **Group Play**.

   A Terms and conditions screen displays.

2. Touch **I agree** and then touch **Confirm** to continue.

   The Group Play Welcome screen displays.

3. Touch **Join group** to join a Group Play session in progress or touch **Create group** to create a Group Play session.

For instructions on using Group Play:

- Touch **Menu** ➔ **Help**.

Hangouts

Hangouts is a free web-based application for instant messaging offered by Google. You can connect with your friends across computers and various Android devices. You can have conversations or video calls with up to 10 friends.

- Touch **Hangouts**.

For more information, refer to *"Hangouts"* on page 55.

Help

Use this app to learn more about your camera, change important settings, use key applications, and link to product videos.

1. Touch **Help**.
2. Touch a topic on the left side of the screen to view information on the right side of the screen.

Internet

Your device is equipped with a full HTML Browser that allows you to access the Internet.

- From a Home screen, touch **Internet**.

  – or –

  From a Home screen, touch **Apps** ➔ **Internet**.

Navigating the Internet

The following options are available for Internet navigation.

Command Keys

- Touch **Back** or to return to the previous page.
- Touch and hold **Back** display browser History.
- Touch **Forward** to go forward to a recent page.
- Touch **Refresh** to reload the current page.

Touching and Dragging

- Touch and drag your finger on the screen to navigate pages and to reposition pages within the screen.

Entering Text in a Field

- While browsing, touch a text field to display the virtual QWERTY keyboard to enter text.

Zoom

- Tap the screen twice to zoom in or out.
- Use two fingers, such as your index finger and thumb, to zoom out by making an inward pinch motion on the screen. To zoom in, make an outward motion by sweeping your fingers out.

Tip: For convenient browsing, you can rotate the device to landscape mode.

Selecting Items On a Page

While browsing, use gestures and menus to navigate:

- Touch an item to select it.
- Touch a hyperlink to follow the link.
- Touch and hold on a hyperlink or an image for options.

Using Browser Windows

You can have multiple windows open at one time and easily switch between windows.

1. Touch **Internet**.
2. To open a new window, touch + at the top of the screen.
3. To switch to another open window, touch its tab at the top of the screen.
4. To delete an open window, touch the tab at the top of the screen, and then touch ×.

Entering a URL

Access a website quickly by entering the URL.

1. Touch **Internet**.
2. Touch the **URL** field at the top of the screen, then enter the URL using the virtual QWERTY keyboard.

   As you enter characters, potential matches display.

Note: Use the **Delete** key to clear the URL field, if necessary.

3. Touch a match to complete the URL.

   – or –

   Continue entering characters and touch the **Go** key to load the page.

Creating Bookmarks

While browsing, bookmark a site to quickly access it later.

1. Touch **Internet**.
2. Browse to a website, touch **Add bookmark**, enter the required information, and touch **OK**.

   A gold star displays on the Bookmarked page.

Internet Menu

While viewing a webpage:

- Touch **Menu** for options.

To configure web settings:

- Touch **Menu** ➔ **Settings**.

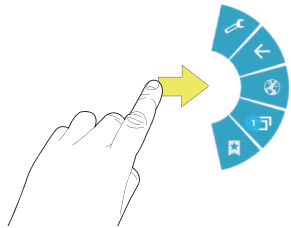
  Follow the onscreen instructions.

Internet Quick Controls

Use Quick Controls to maximize your viewing area while browsing the internet.

1. Touch **Internet**.
2. While viewing a webpage, touch **Menu** ➔ **Settings** ➔ **Labs**, and then touch **Quick controls** to enable the function.

   The Application and URL bars are hidden.
3. Swipe inward from the left or right edge of the screen to access quick controls.



4. Without lifting your finger, move to an option and then lift your finger to initiate the option.

To cancel:

1. Display the Quick controls.
2. Touch **Settings** ➔ **Labs** and touch **Quick controls** to uncheck it.

Maps

Use Google Maps to find your current location, get directions, and other location-based information.

- Touch **Maps**.

Note: You must enable location services to use Maps. Some features require Stand-alone or Google location services. For more information, refer to *"Location"* on page 131.

Memo

Create and manage text memos and use Bluetooth to send memos to paired Bluetooth devices.

Composing a Memo

1. Touch **Memo**.
2. Touch **Add**, compose the memo, then touch **Done** to save.

For more information, refer to *"Entering Text"* on page 36.

Memo Viewing Options

While viewing your Memos:

1. To find a word or term in your memos, touch **Search**.
2. Touch **List** to view your memos in a list mode. Touch an entry in the list on the left to view the memo on the right of the screen.

   – or –

   Touch **Thumbnails** to view your memos in a thumbnail mode.

3. To delete one or more memos, touch **Delete**, select one or all memos, and touch Delete.
4. Touch **Menu** for the following options: Sort by, Share text via, Share via, Print, Import, Export, and Settings.
5. Touch and hold a memo thumbnail to display the following options: Delete, Lock/Unlock, Share text via, Share via, and Export.

Memo Options

While viewing a Memo, touch **Menu** for the following options: Delete, Color, Lock/Unlock, Print, Share text via, and Share via.

Music

Play music and other audio files that you copy from your computer. For more information, refer to *"Music"* on page 57.

- Touch **Music**.

Music Hub

The Music Hub lets you purchase and download songs and albums.

- Touch **Music Hub**.

My Files

Find, view, and manage folders and files, such as music files, photo files, video files, and so on, stored on your tablet. If the file is associated with an application on your device, you can launch the file in the application.

1. Touch **My Files**.
2. Touch a folder and scroll down or up until you locate a file.

Note: You may have to touch one or more subfolders before you encounter files.

3. Touch a file to launch it in the associated application, if the file is associated with an application.
4. While browsing files, use these controls:

Up: Display a higher directory.

Search: Use the keyboard to enter a search term. The current folder is searched and results are displayed. Touch **X** to remove the search field.

Display mode: Enable thumbnails for each file.

– or –

Enable list mode.

Home: Display the root directory.

Create folder: Create a new folder in the current folder.

Mark files: Touch the box to the left of each file or next to the folder to select all files in the folder. Then touch copy, cut, delete, or send via in the Application bar.

5. To view a photo file:
   - Touch the file.

   The Gallery app is used to open the photo. For more information, refer to *"Viewing Photos and Videos"* on page 74.
6. To view a video file:
   - Touch the file.

   The Video Player is launched and plays the video. For more information, refer to *"Video"* on page 70.

Photos

Automatically save every photo you take with your device to your Google+ account. Then it is easy to view, organize, and share them with friends and family of your choice.

Visit google.com/+/learnmore/photos to learn more.

Note: This app requires a Google Account.

- Touch **Photos**.

Play Books

Google eBooks is a new way to discover, buy, and enjoy your favorite books online and offline.

- Touch **Play Books**.

Play Games

Discover hundreds of games for download and purchase through the Google Play Store.

Visit play.google.com/store/apps/category/GAME to learn more.

Note: This app requires a Google Account.

- Touch **Play Games**.

Play Movies & TV

Any movie you rent from the Google Play Store can be downloaded for offline viewing through this application. In addition, the Play Movies & TV app can be used to stream your Google Play movie rentals as well as play any of your personal videos stored on your tablet.

1. Touch **Play Movies & TV**.

Note: If you are not already logged in with your Google account, see *"Setting Up Your Gmail Account"* on page 50.

2. For more information touch **Menu** ➔ **Help**.

Play Music

Play music and other audio files that you copy from your computer.

For more information, refer to *"Play Music App"* on page 56.

- Touch **Play Music**.

Play Newsstand

Play Newsstand brings you free and paid news, magazine subscriptions, and much more all in one place.

Visit play.google.com/store/newsstand to learn more.

Note: This app requires a Google Account.

- Touch **Play Newsstand**.

Play Store

All your favorite apps, movies and tv shows, music, books, magazines, and games are available in Google Play Store.

Visit play.google.com/store to learn more.

Note: This app requires a Google Account.

- Touch **Play Store**.

Polaris Office 5

Polaris Office Mobile for Android is a Microsoft Office compatible office suite. This application provides a central place for managing your documents online or offline.

The application can also open Adobe PDF (Portable Document Format) files.

1. Touch **Polaris Office 5**.
2. Enter your Email information and touch **Register**.

   – or –

   Touch **Later** to ignore registration.
3. Follow the onscreen instructions.

To get help for using Polaris Office:

- Touch **Menu** ➔ **Help** ➔ **User Guide**.

S Planner

Your device includes a powerful planner to help you organize your schedules more conveniently and effectively. Learn to create and manage events and tasks, and set alarms to remind yourself of important events and tasks.

1. Touch **S Planner**.
2. To choose a calendar view, touch and then one of the following:
   - **Year**: Display all twelve months of this year. Swipe across the screen to display another year.
   - **Month**: Display the current month. Swipe across the screen or touch the previous or next month button to display another month.
   - **Week**: Display the current week. Swipe across the screen to display another week.
   - **Day**: Display today's schedule by hour. Swipe across the screen to display another day.
   - **List**: Display only event and task names and dates for a selected year. Swipe across the screen to display another year.

- **Task**: Display your list of tasks. Touch the sort field to change how your tasks are sorted. Tasks can be sorted by due date, priority, date, week, or month.

3. Swipe left or right across the screen to view other years, months, days, or weeks. Swipe up or down the screen to view other events.
4. To find an event or task, touch **Search**.

   Use the onscreen keyboard to enter a search term. Possible events display as you type.

   Touch on the keyboard to remove it.

   Touch an event to send, edit, or delete the event.
5. Touch **Today** to return to the current date.
6. Touch **Add new** and then touch **Save** to add a new event to your calendar. For more information, refer to *"Creating an Event or Task"* on page 98.
7. Touch **Menu** to select from the following options:
   - **Zoom**: In the Week and Day views, touch and drag a slider to increase or decrease the size of the area being viewed.
   - **Go to**: Use this option to go directly to a different date using the calendar function.
   - **Delete**: Use this option to delete an event.
   - **Sync**: Synchronize your calendar with one or all of your accounts. This option only appears when an account has been opened.
   - **Settings**: Customize the calendar. For more information, refer to *"S Planner Settings"* on page 99.

Creating an Event or Task

To create an event or task:

1. Touch **S Planner**.
2. Double-tap the date for which you want to enter an all day event or task.

   – or –

   Touch the date for which you want to enter an event or task and touch .
3. Touch and then touch the **Add event** or **Add task**.
4. Enter the event or task information.
5. Touch **Save**.

Managing Events

You can delete, send, and edit events on your mobile device:

1. Touch **S Planner**.
2. Touch an event.

   A pop-up displays event information.
3. Touch **More options** for these options:
   - **Forward**: Launches email for you to forward the event.
   - **Share via**: Allows you to share the event or task via Dropbox, Bluetooth, ChatON, Drive, Email, Gmail, Samsung Link, or Wi-Fi Direct.
   - **Edit**: Edit the task
   - **Copy**: Copy an event and use it to create a new event.
   - **Delete**: Delete the event.
   - **Print**: Print the event information.

Add Additional S Planner Accounts

To add additional accounts:

1. Touch **S Planner** ➔ **Menu** ➔ **Settings** ➔ **View settings** ➔ **Calendars** ➔ **Add account**.

   – or –

   Touch **Settings** ➔ **Add account**.

   The Add account screen displays.

2. Touch an account type and enter your account information.

S Planner Settings

To set up S Planner preferences:

1. Touch **S Planner**.
2. Touch **Menu** ➔ **Settings**.
3. On the left side of the screen touch **View settings**, **Event notification**, or one of your accounts.

   Options display on the right side of the screen.
4. Touch fields on the screen to configure S Planner.
   - Some fields have preset values. Touch the field and touch the desired value.
   - Other fields have to be input. Touch the field and use the onscreen keyboard to input information.
   - Touching the check box next to some fields may make additional fields available.

S Voice

The S Voice app enables you to perform various tasks simply by speaking.

1. Touch **S Voice**.

   The Samsung Disclaimer for S Voice displays.

2. Touch **Confirm**.

   The Samsung Disclaimer displays.

3. Touch **Terms of Service** to read the document and then touch **Agree**.

   The About S Voice pop-up displays.

4. Touch **Next** to view a tutorial or touch **Skip** to display the S Voice main screen.

5. Touch ? in the lower, right corner of the S Voice screen to display phrases you can use to open various apps.

6. Touch **Menu** ➔ **Settings** to view and manage your S Voice settings. Touch fields on the screen to configure the settings.

   - Some fields have preset values. Touch the field and touch the desired value.
   - Other fields have to be input. Touch the field and use the onscreen keyboard to input information.
   - Touching the check box next to some fields may make additional fields available.
   - Touch **Help** for more information.

Samsung Apps

Connect to Samsung Apps and make your smart device even smarter. Simply and easily download an abundance of applications to your tablet such as games, news, reference, social networking, navigation, and more.

- Touch **Samsung Apps**.

Samsung Link

Share and play content across smart devices anywhere, anytime.

1. Touch **Samsung Link**.
2. Touch **Sign in**.
3. Follow the onscreen instructions.

Settings

Configure your device to your preferences.

For more information, refer to *"Settings"* on page 113.

- Touch **Settings**.

Smart Remote

Allows you to locate and watch programming on your TV and then control your entertainment system with gestures from the device.

For more information, go to: http://www.peel.com.

Discover and control TV programming right from your device. Lose your remotes, once and for all. Quit scrolling those tiresome grid guides. See what you want, right at your own fingertips: your shows, your controls, your friends.

Peel suggests Top Pick TV shows for you based on what you watch and like. Instead of a long, boring channel grid, Peel presents an easy-to-use mosaic of your favorite shows, filtered by type and genre in the order you like.

1. Touch **Smart Remote**.
2. Follow the onscreen instructions.

Video

View and manage videos stored on your tablet.

For more information, refer to *"Video"* on page 70.

- Touch **Video**.

Voice Search

To use Voice Search:

- Touch **Voice Search**.

Touch and speak the search criteria slowly and clearly. Google searches for the information and displays results or displays **Retry**.

WatchON

Use the Samsung WatchON application to use your tablet as a remote control for your TV, set top box, DVR, Blu-Ray/DVD, stereo or other device.

Important! Before initiating use, verify you have an active Internet connection available (either mobile network or Wi-Fi connection). For more information, refer to *"Wi-Fi"* on page 104.

Set Up WatchON

1. Touch **WatchON**.
2. Follow the prompts to configure WatchON options, such as country/region, TV service provider, channel list setup, and so on.

Note: Touch **Menu** ➔ **Help** to learn more about WatchON.

World Clock

View the date and time in any time zone.

1. Touch **World clock**.

   A map of the world displays with the locations you have added flagged.

2. Touch **Add** to add a city to display.

   A list of world cities displays in landscape mode.

3. In landscape mode, scroll through the list and touch the city you want to add.

Tip: Touch the first letter of the city's name, to the right of the list, to find the city more quickly.

– or –

Touch and turn the globe to locate a city and touch the city you want to add.

A pop-up displays the city name, the current time and date there, and the GMT offset.

4. To add the city, touch **Add** on the pop-up.
5. To change the order of the cities, touch **Change order**. Touch the grid on an entry and drag the entry to a new position in the list. Touch **Done** to change the order.
6. Touch **Delete** to delete entries. Touch the box next to the cities you want to delete so that a check mark displays, then touch **Delete**.
7. Touch and hold an entry to delete it or to set the **DST settings**, which enable or disable Daylight Savings Time adjustments.

YouTube

View and upload YouTube videos, right from your device.

- Touch **YouTube**.

Section 8: Connections

Your device includes features to connect to the internet and to other devices by using Wi-Fi, Bluetooth, or a USB cable.

Wi-Fi

Wi-Fi is a wireless networking technology that provides access to local area networks. Use your device's Wi-Fi feature to:

- Access the internet for browsing or to send and receive email.
- Access your corporate network.
- Use hotspots provided by hotels or airports while traveling.

Wi-Fi communication requires access to an existing Wireless Access Point (WAP). WAPs can be Open (unsecured, as with most hotspots) or Secured (requiring you to provide login credentials). Your device supports the 802.11 a/b/g/n Wi-Fi protocol.

Configuring Wi-Fi Settings

For more information about configuring your device's Wi-Fi settings, see *"Wi-Fi"* on page 114.

Finding Wi-Fi Networks

You can have your device automatically notify you of available networks. For more information, refer to *"Advanced Settings"* on page 115.

Turning Wi-Fi On or Off

Turn your device's Wi-Fi service on or off. When you turn Wi-Fi service on, your device automatically searches for available, in-range WAPs (Wireless Access Points).

Turning Wi-Fi On

1. From any screen, touch the top of the screen and swipe downward.

   The Status Details screen displays.

2. Touch **Wi-Fi** to turn Wi-Fi On.

Turning Wi-Fi Off

1. From any screen, touch the top of the screen and swipe downward.

   The Status Details screen displays.

2. Touch **Wi-Fi** to turn Wi-Fi Off.

Scanning and Connecting to a Wi-Fi Network

When you turn on Wi-Fi, your device searches for available Wi-Fi connections, then displays them on screen.

1. From any screen, touch the top of the screen and swipe downward.

   The Status Details screen displays.

2. Touch **Wi-Fi** to turn Wi-Fi On. Your device automatically scans for available Wireless Access Points.
3. When the scan is complete, touch a Wi-Fi network to connect. If the Wi-Fi network is open, your device automatically connects. If the Wi-Fi network is secured, enter the password at the prompt to connect.

Adding a Wi-Fi Network Manually

1. From a Home screen, touch **Apps** ➔ **Settings.**
2. Under **Wireless and networks**, on the Wi-Fi tab, touch the **ON/OFF** button to turn Wi-Fi ON .
3. Touch **Add Wi-Fi network**, then enter network information:
   - **Network SSID**: Enter the name of the Wi-Fi Wireless Access Point (WAP).
   - **Security**: Select the type of security used by the WAP.

Note: Depending on the Security protocol used by the WAP, additional network information may be required, such as a Password.

   - **Password**: If the WAP is secured, enter the password or hex key.
4. Touch **Connect** to save the settings.

Wi-Fi Direct

Wi-Fi Direct allows device-to-device connections so you can transfer large amounts of data over a Wi-Fi connection.

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Wi-Fi**.
2. Touch the **ON/OFF** button to turn Wi-Fi ON .
3. Touch **Wi-Fi Direct** to display available devices.

   Your device begins to search for other devices enabled with Wi-Fi direct connections.
4. Enable Wi-Fi Direct on the other device. Consult the other device's documentation for more information.
5. Once the device you want to connect to is displayed, touch on it.

   An Invitation to connect displays on the device to which you want to connect.
6. On that device, touch **Connect**.

   You have 30 seconds to touch **Connect** on the device to which you want the connection to be made.

   Once connected, the other device will show as **Connected** in your list of Wi-Fi Direct devices and the icon will display in the System Bar.

Sharing Information with Connected Device

To share videos, photos, or other information with the connected device, follow these steps:

1. View the information that you want to share. For example, if you want to share a photo, find the photo in your camera viewer or **My Files** folder, then touch the **Share via** option.
2. Touch the **Wi-Fi Direct** option.
3. Touch a connected device name. For example, Android_XXXX.
4. Touch **Done**.

   The file is transferred and the other device will receive a screen notification that a Wi-Fi file has been received. The file can be found in **My Files** in the **storage/emulated/0/Download** folder.

Note: Depending on the other device model, the prompts and shared folder information may differ.

Bluetooth

Bluetooth is a short-range wireless communications technology for exchanging information over a distance of about 30 feet.

You do not need to line up the devices to send information with Bluetooth. If the devices are in range, you can exchange information between them, even if they are in different rooms.

Configuring Bluetooth Settings

Configure your device's Bluetooth settings. For more information, refer to *"Bluetooth"* on page 117.

Turning Bluetooth On or Off

To turn Bluetooth on or off:

1. From a Home screen, touch **Apps** ➔ **Settings**.
2. Under **Wireless and networks**, on the Bluetooth tab, touch the **ON/OFF** button to turn Bluetooth ON or OFF .

Note: When Bluetooth is on, the **Bluetooth** icon displays in the Status Bar.

Pairing with a Bluetooth Device

Search for a Bluetooth device and pair with it, to exchange information between your device and the target device.

Tip: After pairing, your device and the target device recognize each other and exchange information without having to enter a passcode or PIN.

1. From a Home screen, touch **Apps** ➔ **Settings**.
2. On the Bluetooth tab, touch the **ON/OFF** button to turn Bluetooth ON.
3. Touch the check box next to **SM-T210R**, to make your tablet visible to other Bluetooth devices.
4. On the target device, enable discoverable or visible mode.
5. Touch the **Bluetooth** tab and then touch **Scan**. Touch **Stop** at any time to stop scanning.
6. From the list of found devices, touch the target device, then follow the prompts to complete the pairing:
   - If the target device requires a PIN, enter a PIN for the target device and touch **OK**. When prompted, enter the PIN on the target device.
   - If the device allows automatic or smart pairing, your device attempts to pair with the device automatically. Follow the prompts on your device and the target device to complete the pairing.

Sharing Data with a Bluetooth Device

To send data to a Bluetooth device:

1. Select a file or item from an appropriate application.
2. Select an option for sharing data with the Bluetooth feature.

Note: The method for selecting an option may vary by data type.

3. Search for and pair with a Bluetooth device.

Receiving Data from a Bluetooth Device

To receive data from a Bluetooth device:

1. Turn Bluetooth on. For more information, refer to *"Turning Bluetooth On or Off"* on page 107.

Note: To select the length of time that your device will be visible, select **Menu** ➔ **Visibility timeout**.

2. Pair with the Bluetooth device from which you want to receive data. For more information, refer to *"Pairing with a Bluetooth Device"* on page 108.

   A Bluetooth authorization request pop-up displays when a Bluetooth device sends data to your device.

3. Touch **Accept** to confirm that you are willing to receive data.

   A File received message displays.

Received data is saved to the **storage/emulated/0/Download** folder. If you receive a contact, it is saved to your contacts automatically.

Managing Downloads

Files, apps, and other items you download in Internet, Gmail, Email, or in other ways, are stored on your tablet's internal storage. You can use the Downloads app to view, reopen, or delete what you have downloaded.

To manage the demands on their networks or to help you avoid unexpected charges, some mobile networks place restrictions on the size of the files you can download. When you are connected to such networks, and you try to download an oversized file, you are asked or required to delay downloading the file until the next time you are connected to a Wi-Fi network. At that time, the download resumes automatically. The Downloads app can also be used to view and manage these queued files.

Downloaded files are stored in the Download directory in your tablet's internal storage. You can view and copy files from this directory when connected to a computer with a USB cable.

Uninstalling an App

Apps come pre-installed on your device and you can download additional apps from Google Play. If you decide to, you can uninstall apps you downloaded from Google Play and other sources.

There are several ways to uninstall an app:

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Application manager**.
2. Touch the **DOWNLOADED** tab.
3. Touch the app you want to uninstall.
4. Touch the **Uninstall** button.

   A pop-up displays the message **Application will be uninstalled.**
5. Touch **OK** to confirm you want to uninstall the app.

You can also use Google Play to uninstall apps you downloaded from there (see *"Play Store"* on page 95).

Tip: To uninstall updates to pre-installed apps, touch the app and touch **Uninstall updates**. A pop-up displays the message **All updates to this Android system app will be uninstalled**. Touch **OK** to uninstall the updates.

To uninstall an app from the Apps screen:

1. From a Home screen, touch **Apps**.
2. Touch **Menu** ➔ **Uninstall** to display the Uninstall screen.

   – or –

   Touch **Downloaded applications** and then touch **Menu** ➔ **Uninstall**.

   A appears on Apps that can be uninstalled or disabled.
3. Touch an app's icon and then touch **OK** to uninstall and remove the app from your tablet.

Note: You cannot uninstall the apps that are included with Android. You can only uninstall the apps you have downloaded.

Memory Card

Your device supports removable microSD or microSDHC memory cards for storing music, photos, videos, and files.

Installing and Removing a Memory Card

For more information about installing and removing a memory card, see *"Memory Card"* on page 14.

Important! To prevent damage to information stored on the memory card, always unmount the card before removing it from the device.

Formatting a Memory Card

Formatting erases all content from the memory card and prepares it for use with your device.

Formatting a Memory Card Using Your Device

1. From a Home screen, touch **Apps** ➔ **Settings** ➔ **Storage**.
2. After mounting the SD card, touch **Format SD card**.
3. Follow the prompts to confirm the formatting of the card.

Formatting a Memory Card Using Your Computer

Consult your computer and/or memory card reader documentation for information about formatting memory cards.

Synchronizing with Windows Media Player

Ensure that Windows Media Player is installed on your PC.

1. Attach your device to the computer with the USB cable.
   Your computer recognizes the connection and displays the AutoPlay screen.
2. Click the option to **Sync digital media files to this device** to synchronize music files.
3. Select and drag the music files you want to the sync list and begin synchronizing.
4. When finished, exit Windows Media Player and disconnect the USB cable.

Connecting as a Mass Storage Device

You can connect your device to a PC as a removable disk and access the file directory. If you insert a memory card in the device, you can also access the files directory from the memory card by using the device as a memory card reader.

Note: The file directory of the memory card displays as **Card**, separate from the internal memory, which is **Tablet**.

1. Insert a memory card into the device to transfer files from or to the memory card.
2. Attach your device to the computer with the USB cable.
   Your computer recognizes the connection and displays the AutoPlay screen.
3. Click the option to **Open device to view files**.
   You should see a **Card** and a **Tablet** folder.
4. Copy files from the PC to the memory card (Card folder).
5. When finished, close the PC folder and disconnect the USB cable.

Section 9: Settings

This section explains Settings for customizing your device.

Accessing Settings

To access Settings:

- From a Home screen, touch **Apps** ➔ **Settings**.

  – or –

  From any screen, touch the top of the screen and swipe downward, to display the Notification Panel, and then touch **Settings**.

  The Settings screen displays.

The Settings Screen

The Settings screen has tabs on the left side of the screen. Information related to the tabs displays on the right side of the screen. There are four major groups of settings: Wireless and networks, Device, Personal, Accounts, and System.

Some options are enabled or disabled by touching the **ON/OFF** button to turn the option ON or OFF. For some options, you must touch the field, such as Wi-Fi, to display and set more options.

Some options are enabled or disabled by touching a check box. When enabled, a check mark displays. Touch the check mark to remove it and disable the option.

Wireless and Networks

Control your device's wireless connections.

Wi-Fi

Your device supports Wi-Fi a/b/g/n. Use Wi-Fi settings to manage your device's Wi-Fi connections.

For more information about using your device's Wi-Fi features, see *"Wi-Fi"* on page 104.

Turning Wi-Fi On or Off

When you turn Wi-Fi service on, your device automatically searches for available, in-range Wireless Access Points (WAPs).

1. From the **Settings** screen, touch **Wi-Fi**.
2. On the Wi-Fi tab, touch the **ON/OFF** button to turn Wi-Fi ON or OFF .

Scan for Wi-Fi Networks

To make sure you have an accurate list of Wi-Fi networks.

- Touch **Settings** → **Wi-Fi**, and then touch **Scan**.

Add Wi-Fi Network

To open a dialog where you can add a Wi-Fi network by entering its Network SSID (the name it broadcasts), security type, and other properties:

1. From the **Settings** screen, touch **Wi-Fi**, and then touch **Add Wi-Fi network**.
2. Use the keyboard to enter **Network SSID**.
3. Touch the **Security** field and then touch a security type.

Note: Depending on the Security protocol used by the WAP, additional network information may be required, such as a Password.

4. If necessary, touch **Password** and enter the password or hex key.
5. Touch **Connect**.

Advanced Settings

Set up and manage wireless access points.

1. From the **Settings** screen, touch **Wi-Fi**.
2. Touch **Menu** ➔ **Advanced**.

   The following options display:

   - **Network notification**: Have your device alert you to new Wireless Access Points (WAPs). Touch **Network notification** to turn notifications On or Off. When enabled, a check mark appears in the check box.
   - **Sort by**: Sort Wi-Fi networks in alphabetical order or by signal strength.
   - **Keep Wi-Fi on during sleep**: Specify when to disconnect from Wi-Fi.
   - **Always allow scanning**: Allow Google location service and other apps to scan for networks, even when Wi-Fi is turned off.
   - **Wi-Fi timer**: Set the start time and the end time for Wi-Fi to be connected.
   - **Install certificates**: Install authentication certificates.
   - **MAC address**: View your device's MAC address, which is required when connecting to some secured networks (not configurable).
   - **IP address**: View your device's IP address.

Wi-Fi Direct Settings

You can configure your device to connect directly with other Wi-Fi capable devices. This is an easy way to transfer data between devices. These devices must be enabled for Wi-Fi Direct communication. This connection is direct and not via a hot spot or WAP.

1. From the **Settings** screen, touch **Wi-Fi**.
2. Touch the **ON/OFF** button to turn Wi-Fi ON .
3. Touch **Wi-Fi Direct** to display Available devices.

   Your device begins to search for other devices enabled with Wi-Fi direct connections.
4. When scanning is complete, touch a device name to begin the connection process to another Wi-Fi Direct compatible device.

Note: The target device must also have Wi-Fi Direct service active and running before it is detected by your device.

   The direct connection establishes, the status field displays “Connected”, and your connected device is displayed in the Wi-Fi Direct devices listing.
5. Touch **End connection** ➔ **OK** to end the Wi-Fi Direct connection.

For more information, refer to *“Wi-Fi Direct”* on page 106.

Bluetooth

Use Bluetooth settings to manage Bluetooth connections, set your device's name, and control your device's visibility.

Turning Bluetooth On or Off

To turn your device's Bluetooth service On or Off:

1. From the **Settings** screen, touch **Bluetooth**.
2. On the Bluetooth tab, touch the **ON/OFF** button to turn Bluetooth ON or OFF .

Note: When enabled, the Bluetooth icon displays in the Status Bar.

For more information about using Bluetooth to exchange information with other Bluetooth devices, see *"Bluetooth"* on page 107.

Additional Bluetooth Settings

When Bluetooth is on, additional settings are available.

1. From the **Settings** screen, touch **Bluetooth**.
2. Touch **Scan** to scan for nearby discoverable devices. After searching, touch a device to pair with it. For more information, refer to *"Pairing with a Bluetooth Device"* on page 108.
3. Touch **Menu** and select a Bluetooth setting to configure:
   - **Visibility timeout**: Use this setting to control when to automatically turn off the Discoverable option.
   - **Received files**: Show the list of files received by using Bluetooth.
   - **Rename device**: Change the name of your device.

Data Usage

From this screen you can view the Wi-Fi or Ethernet data usage.

1. Touch **Settings** ➔ **Data usage**.
2. Touch the **Data usage cycle** drop-down menu and select a date.

   The data usage displays as a visual (chart) and also displays a list of each application with a breakdown of data usage by application.

Note: Data is measured by your device. Your service provider may account for data usage differently.

3. Touch **Menu** and the following options display:
   - **Auto sync data**: Enable or disable this option to automatically sync data. Disable auto sync will reduce data usage and conserve battery power, but notifications and updates will need to be manually synchronized.
   - **Mobile hotspots**: Use this setting to display all Mobile hotspots near you.

More Settings

This tab displays additional wireless and networks information.

- From the **Settings** screen, touch **More settings**.

  Options display for Airplane mode, Printing, VPN, and Nearby devices.

Airplane Mode

Airplane mode allows you to use many of your tablet's features, such as Camera, Games, and more, when you are in an airplane or in any other area where accessing data is prohibited.

Important! When your tablet is in Airplane Mode, it cannot access online information or applications.

- Press and hold the **Power/Lock Key** then touch **Airplane mode**.

  – or –

  Touch the top of the screen and swipe downward, to display the Notification Panel, and then touch **Airplane mode**.

  – or –

  From the **Settings** screen, touch **More settings** ➔ **Airplane mode**, touch the check box, and then touch **OK** to turn Airplane mode On .

Note: When enabled, the Airplane mode icon displays in the Status Bar.

Printing

With the Printing option, you can set your device to print on compatible Samsung Wi-Fi printers.

1. From the **Settings** screen, touch **More settings** ➔ **Printing**.
2. Touch **Samsung Print Service Plugin**.
3. Touch the **ON/OFF** button to turn Printing ON .

   Your device will search for compatible printers.
4. Follow the onscreen instructions.
5. Touch **Menu** for additional options.

VPN

The VPN settings menu allows you to set up and manage Virtual Private Networks (VPNs).

Important! Before you can use a VPN you must establish and configure one.

Adding a VPN

Before you add a VPN you must determine which VPN protocol to use: PPTP, L2TP/IPSec PSK, L2TP/IPSec RSA, IPSec Xauth PSK, IPSec Xauth RSA, or IPSec Hybrid RSA.

Note: You must also set a screen unlock PIN or password before you can use credential storage. For more information, refer to *"Screen Lock"* on page 132.

1. From the **Settings** screen, touch **More settings** ➔ **VPN**.
2. Touch + **Add**.
3. In the form that appears, fill in the information provided by your network administrator.
4. Touch **Save** to save your VPN settings.

Connecting To a VPN

1. From the **Settings** screen, touch **More settings** ➔ **VPN**.
2. Touch the VPN to which you want to connect.
3. In the pop-up that opens, enter any requested credentials.
4. Touch **Connect**.

Edit or Delete a VPN

1. From the **Settings** screen, touch **More settings** ➔ **VPN**.
2. Touch and hold the VPN that you want to edit or delete.
3. In the pop-up that opens, touch:
   - **Edit network**, make the desired VPN setting changes, and touch **Save**.

   – or –

   - **Delete network** to delete the VPN.

Nearby Devices

This option allows you to share your media files with nearby DLNA (Digital Living Network Alliance) enabled devices.

Warning! If file sharing is enabled, other devices can access your data. Use the Wi-Fi network and this option with care.

To configure this option:

1. From the **Settings** screen, touch **More settings** ➔ **Nearby devices**.
2. Touch **File sharing** to turn File sharing on.
   A check mark appears in the check box when File sharing is On.
3. In the Advanced section, set the following options:
   - **Content to share**: Select the content to share. Choices are: Videos, Photos, and Music.
   - **Allowed devices**: Indicate the devices accessible to your device.
   - **Denied devices**: Indicate the devices not accessible to your device.
   - **Download to**: Set whether to download data to Device or SD card.
   - **Download from other devices**: If a nearby device attempts to upload data, this setting indicates the response. Options are: Always accept, Always ask, and Always reject.

Device

This section of the Settings screen contains settings for your device.

Blocking Mode

When enabled, notifications for selected features are disabled.

1. From the **Settings** screen, touch **Blocking mode**.
2. Touch the **ON/OFF** button to turn Blocking mode ON .
3. Touch **Turn off notifications** or **Turn off alarm** to place a check mark adjacent to those features you would like to enable.
4. The **Set time** option allows you to set Blocking mode for a specific time range or **Always**.
5. Touch the **Always** field to disable it and configure the **From** and **To** time fields.

Note: When this option is enabled, displays in the Status Bar.

Hands-Free Mode

When Hands-free mode is enabled, incoming calls and notifications are read out automatically.

1. From the **Settings** screen, touch **Hands-free mode**.
2. Touch the **ON/OFF** button to turn Hands-free mode ON .

Note: When enabled, the Hands-free mode icon displays in the Notification Bar.

3. Touch **Alarm** or **Schedule** to enable notifications to be read out automatically.

Note: You can disable Hands-free mode by saying “Hands-free mode off” while in S voice, by accessing the Settings menu and touching the **ON/OFF** button to turn Hands-free mode OFF , or by using the Notification Panel.

Sound

From this menu you can control the sounds on the tablet.

- From the **Settings** screen, touch **Device** ➔ **Sound**.

  The following options display:

  - **Volume**: Change the volume for all tablet sounds in one easy location. Touch and drag the sliders to adjust the sound volume for Music, video, games and other media, Notifications, and System. Touch **OK**.

  Notifications

  - **Notifications**: Set the tone that will sound for notifications and alarms. Touch a ringtone and touch **OK**.

  Feedback

  Touch any of the following options to create a check mark and activate the feature:

  - **Touch sounds**: Makes a sound when you touch the screen.
  - **Screen lock sound**: Makes a sound when your screen is locked or unlocked.

Samsung applications

Set the applications sounds. Touch any of the following options to display more options for the feature:

- **Email**: Configure Email notifications, select a ringtone, and set vibration.
- **S Planner**: Set S Planner alerts and notifications, and a notification sound.

Samsung keyboard

Set the keyboard sounds. Touch the following option to create a check mark and activate the feature:

- **Sound when tapped**: Enables auditory feedback when you touch an onscreen key.

Display

In this menu, you can change various settings for the display.

- From the **Settings** screen, touch **Device** ➔ **Display**. The following options display:

General

- **Wallpaper**: You can choose a picture to display on the Home screen, Lock screen, or to both the Home and lock screens. Choose from preloaded wallpaper images or select a photo you have downloaded or taken with the Camera. For more information, refer to *"Wallpapers"* on page 31.
- **Notification panel**: Customize the Notification panel. For more information, refer to *"Notification Panel"* on page 25.
- **Multi window**: Enable the Multi window feature, which allows you to run multiple applications on the current screen at the same time. For more information, refer to *"Multi Window"* on page 33.
- **Brightness**: Set the default screen brightness. Touch and drag the slider to set the brightness or touch **Automatic brightness**. Touch **OK** to save the setting.
- **Screen Timeout**: Set the length of delay between the last key press or screen touch and the automatic screen timeout (dim and lock).
- **Daydream**: Use this setting to control what happens when the device is docked or sleeping. Touch the **ON/OFF** button to turn Daydream ON . Touch **Daydream** for additional settings.

Note: If Daydream is enabled, the desk home screen will be disabled.

Font

- **Font Style**: Set the font for screen displays. Touch a font or touch **Download** to browse and download a new font.
- **Font size**: Select a font size.
- **Increase legibility**: Enhance clarity of the text. A check mark appears in the check box when the option is enabled.

More settings

- **Show battery percentage**: Enable this option to display the device battery status next to the battery icon. A check mark appears in the check box.

Storage

From this menu you can view the device memory or mount, unmount, or format an SD card.

Device Memory

- From the **Settings** screen, touch **Storage**.

  The Device memory displays as Total space, System memory, Used space, Cached data, Miscellaneous files, and Available space.

SD Card

Once a memory card has been installed in your device, the SD card memory displays as Total space and Available space.

Mounting an SD Card

1. Install an SD card. For more information, refer to *"Installing a Memory Card"* on page 14.
2. From the **Settings** screen, touch **Storage**.
3. Touch **Mount SD card**.

Unmounting an SD Card

1. From the **Settings** screen, touch **Storage**.
2. Touch **Unmount SD card**.
3. At the prompt, select **OK** to safely unmount the memory card.
4. Remove the SD card from the slot. For more information, refer to *"Removing a Memory Card"* on page 14.

Note: Unmounting an SD card will stop some applications from functioning. Applications may not be available until you mount the SD card again.

Formatting an SD Card

When formatting an SD card you will want to backup your music and photo files that are stored on the card because formatting the SD card deletes all the stored data.

1. From the **Settings** screen, touch **Storage**.
2. Touch **Format SD card** and then touch **Format SD card** again on the warning screen.
3. Touch **Delete all**.

Power Saving Mode

When enabled, your device automatically analyzes the screen and adjusts the brightness to conserve battery power.

1. From the **Settings** screen, touch **Power saving mode**.
2. Touch the **ON/OFF** button to turn Power saving mode ON or OFF .
3. Turn Power saving on and touch the Power saving mode settings (**CPU performance** or **Screen output**) to enable or disable them.
4. Touch **Learn about power saving** to display more information about saving power mode.

Battery

See how much battery power is used for device activities.

1. From the **Settings** screen, touch **Battery**.

   The battery level displays in percentage. The amount of time the battery was used also displays. Battery usage displays in percentages per application.
2. Touch **Show battery percentage** to display the battery charge percentage next to the battery charge icon in the Status Bar.
3. Touch **Screen**, **Android System**, or any other listed application to view how it is affecting battery use.

Note: Other applications may be running that affect battery use.

Application Manager

You can download and install applications from Google Play or create applications using the Android SDK and install them on your device. Use Application manager settings to manage applications.

Warning! Because this device can be configured with system software not provided by or supported by Google or any other company, end-users operate these devices at their own risk.

Memory Usage

See how memory is being used by Downloaded or Running applications.

1. From the **Settings** screen, touch **Application manager**.
2. Touch **DOWNLOADED**, **SD CARD**, **RUNNING**, or **ALL** to display memory usage for that category of applications.

   The graph at the bottom of the DOWNLOADED tab shows used and free device memory. The graph at the bottom of the RUNNING tab shows used and free RAM.

Downloaded

Displays apps you have downloaded onto your device.

1. From the **Settings** screen, touch **Application manager**.
2. Touch **DOWNLOADED** to view a list of all the downloaded applications on your device.
3. To switch the order of the lists displayed in the DOWNLOADED tabs, touch **Menu** ➔ **Sort by size** or **Sort by name**.
4. To reset your application preferences, touch **Menu** ➔ **Reset app preferences**.

Note: This will reset the preferences for disabled apps, disabled app notifications, default applications for actions, and background data restrictions for apps. You will not lose any app data.

5. Touch an application to view and update information about the application, including memory usage, default settings, and permissions.

SD Card

Displays apps you have downloaded onto your SD card.

1. From the **Settings** screen, touch **Applications** ➔ **Application manager**.
2. Touch the **SD CARD** tab to view a list of all the downloaded applications on your device.
3. To switch the order of the lists displayed in the SD CARD tab, touch **Menu** ➔ **Sort by size** or **Sort by name**.
4. To reset your application preferences, touch **Menu** ➔ **Reset app preferences**.

Note: When you Reset app preferences, you will not lose any app data.

5. Touch an application to view and update information about the application, including memory usage, default settings, and permissions.

Running Services

View and control services running on your device.

1. From the **Settings** screen, touch **Application manager**.
2. Touch the **RUNNING** tab.

   All the applications that are currently running on the device display.
3. Touch **Show cached processes** to display all the cached processes that are running. Touch **Show services in use** to switch back.
4. Touch one of the applications to view application information.

   The following options display:

   - **Stop**: Stops the application from running on the device. This is usually done prior to uninstalling the application.

Warning! Not all services can be stopped. Stopping services may have undesirable consequences on the application or Android System.

- **Report**: Report failure and other application information.

Note: Options vary by application.

Default Applications

Set and manage your default applications.

1. From the **Settings** screen, touch **Default applications**.
2. Touch **Home** and touch one of the following options:
   - **TouchWiz home**: This is the Home screen that originally displays on your tablet.
3. To clear defaults that you have set up, touch **Clear**.

Users

You can share this tablet with multiple people by creating User accounts and Profiles.

- **Users** have their own space, which they can customize with their own apps, wallpaper, and so on. Users can also adjust tablet settings like Wi-Fi that affect everyone.
- **Restricted profiles** are User accounts that allow only limited access to apps and content.

Setting Up User Profiles

Set up user profiles and then select one when unlocking the device to use personalized settings. By setting up multiple user profiles, several users can share the device without affecting the personal settings of others, such as email accounts, wallpaper preferences, and more.

1. From the **Settings** screen, touch **Users** ➔ **Add user or profile**.
2. Follow the onscreen instructions to set up a new user or restricted profile.

To access the device with a user profile, select a profile at the bottom of the locked screen.

Tip: You can also switch between users by sliding down the Notification Panel and touching the current User.

Change User Account Nicknames and Photo IDs

Each user can set up their account nickname, which is displayed on the Lock screen as their User ID.

The photo each user uses in their personal Contact entry (listed under ME at the top of their Contacts list) is used as their User ID photo.

1. From the **Settings** screen, touch **Users**.
2. Touch the current User's profile.
3. Touch **Add another field** and then touch Nickname to check the box and add a Nickname field.
4. Touch **Nickname** and enter a new name.
5. Touch **Save**.

To change an ID photo, each user must edit their personal Contact entry's picture. For more information, refer to *"Updating Contacts"* on page 42.

Deleting a User or Profile

1. From the **Settings** screen, touch **Users**.
2. Touch **Delete user/profile** next to the User entry, and then touch **OK**.

Note: Only the Device Owner can delete other User accounts.

Personal

This section of the Settings screen lets you manage the personal settings for your device.

Location

You must enable location services on your device for apps, such as Google Maps, to use your location.

Note: Some apps may require one or more location services be turned on for full functionality.

1. From the **Settings** screen, touch **Location**.
2. Touch the **ON/OFF** button to turn Location services ON .
3. Touch **Mode** to select how your location is determined:
   - **High accuracy**: Use GPS, Wi-Fi, and mobile networks.
   - **Power saving**: Use Wi-Fi and mobile networks (no GPS).
   - **GPS only**: Use GPS only.
4. Apps that have requested your location are listed under **Recent location requests**. Touch an entry to view its settings.

Location Reporting

Google uses Location Reporting to store and use your device's most recent location data. Google apps, such as Google Maps, can use this data to improve your search results based on places that you have visited.

To manage your Location Reporting settings:

1. From the **Settings** screen, touch **Location**.
2. Touch the **ON/OFF** button to turn Location services ON .
3. Touch **Google Location Reporting** for options:
   - **Location Reporting**: Allow Google apps to use your device's most recent location data. Touch the **ON/OFF** button to turn Location Reporting ON .
   - **Location History**: Allow Google to store a history of your location data. Touch the **ON/OFF** button to turn Location History ON . Touch **DELETE LOCATION HISTORY** to permanently delete your location history.
   - Touch **Menu** → **Help** for more information.

My Places

You can save your favorite locations for use with services that require location information. This information can improve your search results and other location-related activities.

1. From the **Settings** screen, touch **Connections** ➔ **Location**.
2. Touch the **ON/OFF** button to turn Location services ON .
3. Touch **My places**.
4. Touch a category (Home, Office, or Car) to add a location:
   - Touch **Select method** to select how your location is determined for that particular place.
   - Touch **Save**.
5. Touch **Add** to add additional categories.
6. Touch **Menu** ➔ **Delete** to delete a custom category.

Note: Home, Office, and Car cannot be deleted.

Lock Screen

Screen Lock

Choose settings for unlocking your screen. For more information about using the lock and unlock features, see *"Securing Your Device"* on page 15.

1. From the **Settings** screen, touch **Lock screen**.
2. Touch **Screen lock** for these settings:
   - **Swipe**: Swipe the screen to unlock it.
   - **Face unlock**: Look at your tablet to unlock it. Follow the onscreen instructions to set up Face unlock.
   - **Face and voice**: Look at your tablet and speak a phrase to unlock it. Follow the onscreen instructions to set up Face and voice unlock.
   - **Pattern**: A screen unlock pattern is a touch gesture you create and use to unlock your device. Follow the prompts to create or change your screen unlock pattern.
   - **PIN**: Select a PIN to use for unlocking the screen.
   - **Password**: Create a password for unlocking the screen.
   - **None**: No pattern, PIN, or password is required.

Note: Additional options are available based on the **Screen lock** setting.

Swipe Options

The options available when Screen lock is set to Swipe are:

- **Multiple widgets**: Enable this option to display multiple widgets on your lock screen.
- **Lock screen widgets**: Customize your clock and personal message.
- **Shortcuts**: Touch the **ON/OFF** button to turn this option ON or OFF . Touch **Shortcuts** to add up to four application shortcuts to the lock screen.
- **Help text**: Display help text on the lock screen. When enabled, a check mark appears in the check box.
- **Wake up in lock screen**: Unlock the screen using wake-up command when swipe or motion lock is enabled.
- **Set wake-up command**: Set the wake-up command if Wake up in lock screen is enabled.

Face Unlock Options

These options are available when Screen lock is set to Face unlock or Face and voice:

- **Lock screen widgets**: Customize your clock and personal message.
- **Improve facial recognition**: Have your face captured in different conditions.
- **Presence check**: Require a blink to unlock your device.
- **Lock automatically**: Set how long to wait before your device is locked after the screen automatically turns off.
- **Lock instantly with power key**: Use this option to enable the lock screen when the power key is pressed. If this option is not enabled, the screen dims or brightens when the power key is pressed.

Secured with Pattern

These options are available when Screen lock is set to Pattern:

- **Lock screen widgets**: Customize your clock and personal message.
- **Make pattern visible**: Enable this option to make the pattern visible. If this option is disabled, the pattern is not shown as you swipe it.
- **Lock automatically**: Set how long to wait before your device is locked after the screen automatically turns off.
- **Lock instantly with power key**: Use this option to enable the lock screen when the power key is pressed. If this option is not enabled, the screen dims or brightens when the power key is pressed.

Secured with Pin or Password

These options are available when Screen lock is set to Pin or Password:

- **Lock screen widgets**: Customize your clock and personal message.
- **Lock automatically**: Set how long to wait before your device is locked after the screen automatically turns off.
- **Lock instantly with power key**: Use this option to enable the lock screen when the power key is pressed. If this option is not enabled, the screen dims or brightens when the power key is pressed.

Security

Encryption

To require a numeric PIN or password to decrypt your tablet each time you power it on or encrypt the data on your SD card each time it is connected:

1. From the **Settings** screen, touch **Security**.
2. Touch **Encrypt device**. For more information, read the displayed help screen.
3. Touch **Encrypt external SD card** to enable the encryption on SD card data that requires a password be entered each time the microSD card is connected.

Tip: Make sure your battery is charged more than 80 percent. Encryption takes an hour or more.

Find My Mobile

Use this option to allow your device to be locked and tracked, and for your data to be deleted remotely. You must sign up for a Samsung account and enable Google location service to use Remote controls.

Sign In To Your Samsung Account

1. From the **Settings** screen, touch **Security**.
2. Touch **Remote controls**. Read the information and touch **OK** to acknowledge the information.
3. Touch **Add account** to create a Samsung account.

   For more information about Samsung accounts, see *"Signing In to your Samsung Account"* on page 145.

Enable or Disable Remote Controls

Once you have signed in to your Samsung Account, you can enable or disable Remote controls.

1. From the **Settings** screen, touch **Security** ➔ **Remote controls**.
2. Enter your Samsung account password in the pop-up **Enter password** field and touch **Done**.

   The Introduction to remote controls screen displays.

   Touch **Do not show for 90 days** to temporarily disable this screen.
3. Touch **OK**.

   The Remote controls screen displays.
4. Touch the **ON/OFF** button in the upper right corner of the screen to turn Remote controls ON or OFF .
5. Touch **Use wireless networks** to enable location information using the wireless network.

Go to Website

To launch the Find My Mobile web page:

1. From the **Settings** screen, touch **Security** ➔ **Go to website**.
2. Select which application to launch the application. Touch **Internet** or **Chrome** and select **Always** or **Just once**.

   The Find My Mobile web page displays.
3. Follow onscreen instructions.

Passwords

When enabled, password characters display briefly as you touch them while entering passwords.

1. From the **Settings** screen, touch **Security**.
2. Touch **Make passwords visible** to enable or disable brief displays of password characters.

   When enabled, a check mark appears in the check box.

Device Administration

To add or remove device administrators:

1. From the **Settings** screen, touch **Security**.
2. Touch **Device administrators**.

Enable or disable installation of non-Google Play applications.

1. From the **Settings** screen, touch **Security**.
2. Touch **Unknown sources.**

   An informational pop-up displays.
3. Read the message and touch **OK** to allow installation of non-Google Play applications.

   When enabled, a check mark appears in the check box.

Warning! Enabling this option causes your tablet and personal data to be more vulnerable to attack by applications from unknown sources.

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4. To block or warn before installing apps that may cause harm, touch **Verify apps**.

Credential Storage

If a certificate authority (CA) certificate gets compromised or for some other reason you do not trust it, you can disable or remove it.

1. From the **Settings** screen, touch **Security**.
2. Touch **Storage type** to set a storage type for credential contents.
3. Touch **Trusted credentials**.
   - The trusted credentials screen has two tabs:
     - **System**: Displays CA certificates that are permanently installed in the ROM of your device.
     - **User**: Displays any CA certificates that you installed, for example, in the process of installing a client certificate.
   - Touch a CA certificate to examine its details.

     A scrolling screen displays the details.

     Scroll to the bottom of the details screen and touch **Turn off** to disable a System certificate.

Caution! When you disable a system CA certificate, the **Turn off** button changes to **Turn on**, so you can enable the certificate again, if necessary.

- Touch **OK** to return to the certificate list.

4. Touch **Install from device storage**, then choose a certificate and follow the prompts to install encrypted certificates stored on the USB storage.

Note: You must have installed a memory card containing encrypted certificates to use this feature.

5. Touch **Clear credentials** to erase the credential contents from the device and reset the password.

Note: This setting only appears if you have installed encrypted certificates.

Language and Input

Language

Set the language used by your device.

1. From the **Settings** screen, touch **Language and input** ➔ **Language**.
2. Touch a language / locale from the list.

Keyboards and Input Methods

Set the keyboard used by your device.

1. From the **Settings** screen, touch **Language and input**.
2. Touch **Default** and select a default keyboard.
3. Touch **Set up input methods**.
4. Touch next an input method to configure its settings.

Configuring the Samsung Keyboard

To configure the Samsung keyboard:

- From the **Language and input** screen, touch next to **Samsung keyboard**.

  The following options are available:

  Input languages

  - **English(US)** is the default language. Whatever language you select in the Select input languages option below, will be displayed here.
  - **Select input languages**: Set the input language. Touch a language from the available list. The keyboard is updated to the selected language.

  Smart typing

  - **Predictive text**: Enable predictive text entry mode. This must be enabled to gain access to the advanced settings. Touch and hold to access the advanced settings. Touch the **ON/OFF** button to turn it ON .

  The following options are available:

  – **Live word update**: Automatically update predictive text with popular new words daily.

  – **Personalised data**: Use personal language that you have added to make your prediction results better.

  – **Learn from Facebook**: Log in to your Facebook account so your device can learn your Facebook style.

  – **Learn from Gmail**: Log in to your Gmail account so your device can learn your Gmail style.

  – **Learn from Twitter**: Log in to your Twitter account so your device can learn your Twitter style.

  – **Learn from Contacts**: Allow your device to learn from your Contacts.

  – **Clear server data**: Delete anonymous data that is stored on the personalization server.

  – **Clear personalised data**: Remove all personalized data that you have entered.

  – **Privacy Policy**: Read the privacy policy. Follow the onscreen instructions.

- **Auto capitalization**: Automatically capitalize the first letter of the first word in each sentence (standard English style).
- **Auto spacing**: Automatically insert spaces between words.
- **Auto-punctuate**: Automatically insert a full stop in a sentence by touching the space bar twice when using the onscreen QWERTY keyboard.

Keyboard swipe

Touch one of the following:

- **None**: Turn keyboard swipe off.
- **Continuous input**: Enter text by sliding your finger across the keyboard.
- **Cursor control**: Move the cursor by sliding your finger across the keyboard.

Key-tap feedback

Select one or more of the following:

- **Sound**: Enable or disable auditory feedback when you touch an onscreen key.
- **Character preview**: Provide an automatic preview of the current character selection within the text string. This is helpful when multiple characters are available within one key.

More settings

- **Tutorial**: Displays help for various Samsung keyboard functions.
- **Reset settings**: Reset the keyboard settings back to their original configuration.

Configure Google Voice Typing

To configure Google voice typing:

- From the **Language and input** screen, touch next to **Google voice typing**.

  The following options are available:

  - **Block offensive words**: Create a check mark and enable the blocking of recognized offensive words from the results of your voice-input Google typing.
  - **Offline speech recognition**: Enable voice input while offline. Touch the **All** tab to download speech recognition for other languages.

Speech

Use this menu to set the speech settings for Voice input.

Voice search

- From the **Language and input** screen, touch **Voice search** to configure the following:
  - **Language**: Choose a language for your voice input.
  - **"Ok Google" hotword detection**: Enable to launch voice search by saying the word "OK Google".

    Touch the **ON/OFF** button to turn Hotword detection ON ON.
  - **Speech output**: Sets whether you will use speech output always or only when using Hands-free mode.
  - **Block offensive words**: Enable or disable blocking of recognized offensive words from the results of your voice-input Google searches.
  - **Offline speech recognition**: Enable voice input while offline. Touch the **All** tab to download speech recognition for other languages.
  - **Bluetooth headset**: Record audio through a Bluetooth headset, if available.

Text-to-Speech Options

Voice output provides audible readout of text, for example, the contents of email messages.

1. From the **Language and input** screen, touch **Text-to-speech options** and select the preferred TTS engine, **Samsung text-to-speech engine** or **Google Text-to-speech Engine**.
2. Touch next to the preferred TTS engine and configure.
3. Under General, configure the following:
   - **Speech rate**: Set the speed at which the text is spoken.
   - **Listen to an example**: Play a sample of speech synthesis (available if voice data is installed).
   - **Default language status**: Display the default language in use.

Mouse/Trackpad

This option sets your Pointer speed.

1. From the **Language and input** screen, touch **Pointer speed**.
2. Drag the slider to the right to go faster or to the left to go slower.
3. Touch **OK** to save your setting.

Back Up and Reset

You can also back up your data to the Google server and reset your device to its factory defaults.

Backup and Restore

To enable or disable backup of your information to the Google server.

1. From the **Settings** screen, touch **Backup and reset**.
2. Touch **Back up my data** to enable or disable back up of application data, Wi-Fi passwords, and other settings to the Google server.

   Once the **Back up my data** option is enabled, then the **Backup account** and the **Automatic restore** options are available.
3. Touch **Backup account** and touch your Google Gmail account or touch **Add account** to set your Google Gmail account to be backed up to the Google server.
4. Touch **Automatic restore** to enable automatic restoration of settings from the Google server. When enabled, backed-up settings are restored when you reinstall an application.

Factory Data Reset

Use Factory data reset to return your device to its factory defaults. This setting erases all data from the device, including Google or other email account settings, system and application data and settings, and downloaded applications, as well as your music, photos, videos, and other files. If you reset the tablet in this way, the next time you turn on your tablet you are prompted to reenter the same kind of information as when you first started Android.

1. From the **Settings** screen, touch **Backup and reset**.
2. Touch **Factory data reset**.

   The Factory data reset screen displays reset information.
3. Touch **Reset device**, then follow the prompts to perform the reset.

Accounts

Set up and manage accounts, including your Google accounts, Samsung accounts, and email accounts.

Your device provides the ability to synchronize information from a variety of accounts, including Email, Facebook, Google, and your Samsung account. Depending on the account, you can choose to synchronize your calendar, contacts, and other types of content.

With synchronization, you can ensure that the information on your device is updated with any information that changes in your accounts.

Managing Accounts

To view the accounts you have added:

1. From the **Settings** screen, touch the account type, which is located in the **Accounts** section.

   The account type is either Google, Samsung account, or some other account you have added, such as Email.

   Each of your accounts (Google, Samsung, and so on) are listed under **Accounts**.

2. Touch **Sync all** to synchronize all accounts listed. Touch **Cancel sync** to stop the synchronization.

3. Touch an account to view the sync settings for that account.
   - Touch **Sync now** to synchronize all data for the selected account.

     – or –

     Touch the account data to synchronize, such as, Calendar, Contacts, and so on.
   - To remove the account, touch **Remove account** and then touch **Remove account** at the prompt to remove the account and delete all its messages, contacts, and other data.

4. Touch **Settings**, **Account Settings**, or **Profile**, depending of the account type, for more options.

5. Touch **Storage usage**, if available, to see your storage usage for different applications.

Adding an Account

To add a new account:

1. From the **Settings** screen, touch **Add account**.
2. Touch one of the account types.
3. Use the keyboard and follow the prompts to enter your credentials and set up the account.

Tip: For more information about the types of accounts that you can add, see *"Accounts"* on page 41.

Signing In to your Samsung Account

Several applications and options require that you create and sign in to a Samsung Account.

To sign in to your Samsung account:

1. From the **Settings** screen, touch **Add account**.
2. Touch **Samsung account**.

   The Samsung account sign in screen displays.
3. Touch **Help** to display information about Samsung services that are available.
4. If you have no Samsung account, touch **Create account**.

   – or –

   If you do have a Samsung account, touch **Sign in**.

   The Samsung account screen displays.
5. Use the keyboard to enter the required information and touch **Sign up** or **Sign in**.

Tip: The password is for your Samsung account, not the password you use for the email address you are entering. Plus, you can use only letters, numbers, !, @, $, %, &, ^, and * for your Samsung account password.

6. If you are creating a new account, the Terms and Conditions screen displays. Read the Terms and conditions, Special terms, and Privacy policy and touch **I accept all the terms above**.

   The Settings screen displays with Samsung account listed under Accounts.

System

Use these settings for Accessories, Date and time, Accessibility, and About device.

Accessories

Dock

To enable your tablet to play sounds when inserting and removing the device from the dock:

- From the **Settings** screen, touch **Accessories**.
  - **Dock sound**: The tablet will play sounds when inserting and removing the device from the dock when enabled.

    When enabled, a check mark appears in the check box.
  - **Audio output mode**: Enable to use external speakers while the device is docked.

    When enabled, a check mark appears in the check box.

Date and Time

By default, your device receives date and time information from the wireless network. When you are outside network coverage, you may want to set date and time information manually using the Date and time settings.

1. From the **Settings** screen, touch **Date and time**.
2. Configure the following settings:
   - **Set date**: Enter the current date (only available when the Automatic setting is disabled).
   - **Set time**: Enter the current time (only available when the Automatic setting is disabled).
   - **Select time zone**: Choose your local time zone (only available when the Automatic setting is disabled).
   - **Use 24-hour format**: Set the format for time displays.
   - **Select date format**: Set the format for date displays.

Accessibility

Accessibility services are special features to make using the device easier for those with certain physical disabilities. Use the Accessibility settings to activate these services.

Note: You can download accessibility applications from Google Play and manage their use here.

- From the **Settings** screen, touch **Accessibility**. Configure the following settings.
  - **Auto rotate screen**: When this option is checked, the screen orientation changes when you rotate the device. When this option is not checked, the screen orientation locks in the current orientation (landscape or portrait) and the orientation does not change when you rotate the device.

Tip: From any screen, touch the top of the screen and swipe downward, to display the Notification Panel. Touch **Screen rotation** to enable or disable the auto-rotate feature.

  - **Screen timeout**: Select the screen delay time the screen delays shutting off after inactivity for the selected period of time.
  - **Lock automatically**: Automatically lock the screen after the selected minutes of inactivity.

Note: The Lock automatically option only displays after you set a Screen Lock other than Swipe or None. For more information, refer to *"Screen Lock"* on page 132.

  - **Speak passwords**: Speaks passwords to enter them.
  - **Show shortcut**: Set this option to display an Accessibility shortcut on the Device options pop-up when you press and hold the power key.

Services

  - **TalkBack**: Activate the TalkBack feature. Touch the **ON/OFF** button to turn TalkBack ON . Touch **Settings** to configure TalkBack.

Note: TalkBack, when installed and enabled, speaks feedback to help blind and low-vision users.

Important! TalkBack can collect all of the text you enter, except passwords, including personal data and credit card numbers. It may also log your user interface interactions with the device.

Vision

- **Font size**: Set the font size.
- **Magnification gestures**: Enable Magnification gestures and read more about using them. Touch the **ON/OFF** button to turn this option ON .
- **Accessibility shortcut**: Add a shortcut to Accessibility settings that displays when you press and hold the Power key. Read the displayed instructions. Touch the **ON/OFF** button to turn this option ON .
- **Text-to-speech options**: To set voice output settings, touch **Text-to-speech options** and select the preferred TTS engine. For more information, refer to *"Speech"* on page 141.

  Touch **Speech rate** to set the speed at which the text is spoken. Touch **Listen to an example** to play a short speech demonstration.

Hearing

- **Sound balance**: When you are using a stereo device, touch the **Sound balance** field and use the slider to adjust the balance. Touch **Set** to save the setting.
- **Mono Audio**: When Mono audio is enabled, you can listen through one earphone to mono audio sound. When enabled, a check mark appears in the check box.
- **Turn off all sounds**: Turn off all sounds including receiver voice. When enabled, a check mark appears in the check box.
- **Google subtitles (CC)**: Enable Google subtitles (CC) (when available).
- **Samsung subtitles (CC)**: Enable Samsung subtitles (CC) (when available).

Dexterity

- **Press and hold delay**: This option allows you to set the Press and hold delay time.

About Device

View information about your device, including status, legal information, hardware and software versions, and battery use.

1. From the **Settings** screen, touch **About device**.
2. Touch items to view details:
   - **Software update**: Connect to the network and download new software.
   - **Status**: View Battery status, Battery level, IP address, Wi-Fi MAC address, Bluetooth address, Serial number, Up time, and Device status.
   - **Legal information**: Touch an option to display open source licenses, Google and Samsung legal information, Privacy Alert, and license settings.

Tip: To find your device's DivX® registration code and information about registering your device to play DivX protected video, touch **License settings** ➔ **DivX® VOD**.

   - **Device name**: Enter the name for your device. The default is the model number: SM-T210R.
   - **Model number**: Display your device's model number.
   - **Android version**: Display the firmware version of your device.
   - **Kernel version**: Display the kernel version of your device.
   - **Build number**: Display your device's build number.

Software Update

The Software Update feature enables you to use your device to connect to the network and download any new software directly to your device. The device automatically updates with the latest available software when you access this option.

Software Update Options

To register your device and check for a software update:

1. From the **Settings** screen, touch **About device** ➔ **Software update**.
2. Touch **Update now**.

   Your device is connected to the server and a search is performed for a software update.
3. Touch **Auto update** to check for updates automatically. When enabled, a check mark appears in the check box.

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